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Cogswell, Howard L.
Donner Pass, Lake Tahoe, Calif.,
and adjacent western Nevada.
June 17 - Aug. 26, 1950.

1. Catalog
2. Journal
3. Species accounts

Cogswell, H. L.
Catalog nos. 146 - 150

Cogswell
1950

Catalog

June 21 - 6200 ft., 6½ mi. W Donner Pass, Sierra Nevada Mts., Placer Co., Calif.

146 ♂ ad. sk. *Empidonax wrightii* - testis

June 28 7000 ft., Sugar Bowl Lodge, 1.2 mi. SSW Donner Pass, Placer Co., Calif.

147 ♂ ad. sk. *Vireo gilvus* R. testis 6 mm.
L " 7 mm.

July 29 same locality

148 ♀ ad. sk. *Dendroica auduboni* brood patch 2 x 3 cm.
ovary small, ovules < 1 mm.

Aug. 7 same locality

149 nestling, alc. *Myadestes townsendi*
and Nest (abandoned) with 3 eggs (2 broken)

Aug. 26 7100 ft. ½ mi. S Donner Pass, Placer Co. Calif.

150 Nest (empty) *Pinicola enucleator*

2.

Cogswell, H.L.
Journal

DONNER PASS, LAKE TAHOE, and nearby areas in the northern SIERRA NEVADA and immediately adjacent western NEVADA valleys.

All notes in this notebook being of observations made while I was employed (June 17 - Aug. 26) as instructor in "Birds" at the Audubon Camp of California, Norden, Calif.

NO REGULAR JOURNAL OF ACTIVITIES WAS KEPT, the task of recording as many "habitat" and "stage of breeding cycle" notes for each bird species (as well as simple occurrence of the less common ones) taking more time than I could spare. Consequently the entries under the species accounts were made at various times -- from the very moment of observation in certain cases to several weeks after camp closed in others. Records of the latter type are almost all simple statements of occurrence, and were taken from the daily tally record of birds seen on the various class periods, which record I kept in my personal roll book all summer.

A LIST OF LOCALITIES VISITED follows, arranged alphabetically, with descriptions of the major vegetation and/or rock types of each and the dates on which they were visited by me. For a complete log of my observation times, see pp 18-24 of this Journal. See also map of region covered, with routes marked in red, ~~following~~ on page 34.

American River Canyon Road -- dirt road extending south from Soda Springs, past Ice Lakes (Serena + Dulzura), etc. Stops were made for bird-finding at 3 mi. W., 2 mi. S Donner Pass, 6800+ feet; at 2½ mi. W, 3¼ and 3½ mi. S Donner Pass, 6500 ft., & 6300 ft. respectively; and (on Aug. 22) in bottom of Onion Creek Canyon (q.v.). VEG. TYPES: 6800 ft.-- red fir- lodgepole and Jeffrey pine forest, with considerable manzanita and Ceanothus cordulatus & Quercus vaccinifolium understory in more open parts (density of trees very variable from spot to spot due to logging history); a few large sugar pines downslope; 6500 ft.-- white fir, Jeffrey (& yellow ?) pine forest, with few incense cedars & lodgepole pines; a large chaparral area including here, however, some Ceanothus fresnensis just below road continues into next; 6300 ft. -- extensive montane chaparral (Prunus emarginata, Arctostaphylos patula, Ceanothus cordulatus, Quercus vaccinifolium, Castanopsis sempervirens) with few young black oaks protruding thru it, & scattered few Pinus ponderosa ssp.; a few Juniperus occidentalis on rock outcrop. Large, glaciated valley visible below this spot.

American River Canyon road (cont.)
VISITS: July 11, July 28, Aug. 20 (includes long trip all way to Placer Co. Big Trees (q.v.), Aug.22.

Angela Lake, 7250 ft., ½ mi. N Donner Pass, Nevada Co., Calif. (= Southern Pacific Lake no. 1 of local residents, since Angela plus small lake just S of it as shown on topo map are now confluent due to dam placed below latter).
VEG. TYPES: sparse, patchy forest of lodgepole & Jeffrey pines, with red firs in most humid situations also, and scattered Sierra juniper on rockier ones; much low shrubbery in the wide spaces between trees, is mostly Quercus vaccinifolium, Arctostaphylos nevadensis, & Ceanothus cordulatus, with Cassiope quite abundant near the several small lakes in the area; the ridge top (Sierran crest) here consists of many huge rounded (glaciated) granite outcroppings, with gravelly hollows between & the vegetation noted above.
VISITS: July 13 (but see also Donner Pass, N of)

Bear Valley, 4570-4600 ft., in Nevada & Placer Cos. along State highway 20, Calif. (T 17 N, in Secs. 25 of R 11 E and Sec. 30 of R 13 E).
VEG. TYPES: dense forest (Pinus ponderosa, Libocedrus decurrens, Quercus kelloggii, & few Pseudotsuga taxifolia); forest border (with many young pines or firs & scattered very large Quercus kelloggi) open meadow (grasses to 3 ft. high, plus various forbs in drier or more heavily grazed portions) with clumps of the "forest border" types about several outcrops (residual boulders) of granite; a few large Acer macrophyllum & much more abundant shrub understory in forest bordering meadow on SE.
VISITS: June 17, 23; July 7, 21; Aug. 4, 18.

Big Bend Camp Ground, 5750 - 5900 (latter on slope N of camp ground), along S. Fork Yuba River, in Sec.28, T 17 N, R 13 E, Placer Co., Calif. (approx. 11 mi. W Donner Pass).
VEG. TYPES: a few acres of tall dense forest, the trees being of many ages (= climax ?)(Pinus ponderosa jeffreyi, Abies concolor, Libocedrus decurrens, Pinus murrayana, few Abies magnifica & Quercus kelloggii, the latter among shrubs under power line clearing); interstitial understory near river of Quercus vaccinifolium, Arctostaphylos patula, Ceanothus cordulatus, Populus tremuloides; denser, nearly chaparral shrub growth under clearing along S-facing slope below several parallel power lines (Prunus emarginata, Spiraea, Ceanothus velutinus, Castanopsis sempervirens in addition to above mentioned shrubs

Big Bend Camp Ground (cont.)
VISITS: June 17, 30 (twice); July 28; Aug. 11.

Boca Reservoir, E. of, 5560-5600 ft., N of village of Boca (mouth of Little Truckee River), eastern Nevada Co., Calif. -- most of our time was spent in Secs. 15 & 16, T 18 N, R 17 E.

VEG. TYPES: Great Basin sagebrush formation (Artemisia tridentata, Purshia tridentata, Chrysothamnus nauseosa, various sub-shrubs & sparse herbs); grassland (in moist swale near head of E. arm of reservoir); arid conifer forest (Pinus ponderosa jeffreyi, Artemisia tridentata, etc., the trees being of moderately open spacing); open water of reservoir (built within last 15 years).

VISITS: June 22, 28; July 10 (stop also at Union Mills on Truckee River ENE Truckee); July 24; Aug. 7.

Camp Pahatsi, 6680 ft., 5 mi. W Donner Pass, near Nevada & Placer Cos. line, Calif. -- A Boy Scout camp situated near N brink of glaciated plateau which is liberally strewn with erratic boulders; S.P.RR. & South Fork of Yuba River in canyon N of it.

VEG. TYPES: sparse conifer forest (Pinus murrayana, Pinus ponderosa jeffreyi, Abies magnifica) with scattered clumps of shrubs between (Quercus vaccinifolium, Arctostaphylos nevadensis, Spiraea, etc.); small pond with heather & Labrador tea abundant near it; much open rocky ground in sparser forest areas.

VISIT: July 22 (similar area, with small "lily pond", about 3/4 mi. S of here visited briefly on July 3 -- NW Palisade Lake).

Camp Spaulding, 1/3 mi. S of, 5200 ft., along State Route 20, Nevada Co., Calif. -- in extreme S. mid-part of Sec. 21, R 12 E, T 17 N.

VEG. TYPES: small area of tall dense conifer forest (Abies concolor, Libocedrus decurrens, Pseudotsuga taxifolia, Pinus ponderosa, Pinus lambertiana) with fairly dense understory near the road (Cornus nuttallii, Ceanothus integerrimus, Ceanothus cordulatus, Rubus parviflorus, etc.); cleared areas now regrowing to Sambucus caerulea, Acer macrophyllum, Quercus kelloggii, etc. are mentioned in notes on some species -- these are within 1 mi. or so to west or east of this dense forest.

VISITS: June 23; July 7 (plus passed by in cars on all other visits to Bear Valley (see above)

Carson City, 4700 ft., Ormsby Co., Nev. -- plaza of the State Capitol (one small block) and the highways S & N of town were only areas in which observations were made.
VEG. TYPES: plaza -- exotic broad leaved trees of various kinds, Populus fremontii, shaded grass below tree canopy; highways near town -- dry or irrigated grassland; Great Basin sagebrush formation on all upland slopes (see Aphelocoma caerulescens).
VISITS: Aug. 6

Carson Valley, W. side, 4800-4700 ft., Douglas Co.,Nev. -- coverage was only along road thru Walleys Hot Sprgs, Genoa & north toward Carson City.
VEG. TYPES: Great Basin sagebrush formation (Artemisia tridentata, Purshia tridentata, Prunus andersonii, & few other shrubs, sparse dry grasses & forbs); dry or irrigated grassland (bits here & there); marshes in distance below road; irrigation ditch bordered by tall grasses & scattered Populus fremontii trees.
VISITS: Aug. 6

Daggett Pass, 7450 ft. (at summit), Carson Range E of S. end Lake Tahoe, Douglas Co., Nev.
VEG. TYPES: semi-arid conifer forest (Pinus jeffreyi, Pinus murrayana, Abies magnifica) with broken but abundant shrub understory (Ceanothus cordulatus, Arctostaphylos nevadensis, etc.) merging into more arid conifer - sagebrush woodland (Pinus jeffreyi, Artemisia tridentata, Purshia tridentata, Arctostaphylos ~~gla~~ patula) on steep E. slope of range, and into pine-fir forest (Pinus jeffreyi, Abies concolor) in Haines Creek canyon, down which the road rund just before reaching Carson Valley.
VISIT: Aug. 6

Galena Creek Camp, 6600 ft., in mouth of Galena Cr. canyon, E. base Carson Range NE Lake Tahoe, Washoe Co. Nevada. -- camp area is just W Nevada Route 27.
VEG. TYPES: on alluvial fan-- mixed conifer & broad leaved forest (Pinus jeffreyi, Abies concolor, Populus fremontii) with openings filled with shrubs (Prunus sp Ceanothus cordulatus, Arctostaphylos glauca, Ceanothus velutinus) or tumbled, waterworn boulders; bits of riparian thickets (Salix sp.) along turbulent stream.
VISITS: (lunch stop on our all day trips with campers)-- June 27; July 12, 26; Aug. 9, 23.

Chubb Lake, 5250 ft., N of State Highway 20 about 1 mi. E Camp Spaulding, Nevada Co., Calif. -- in middle of Sec. 22, R 12 E, T 17 N.

VEG. TYPES: (S side of Lake)-- patches of forest (Abies concolor, Pinus ponderosa and/or jeffreyi, Libocedrus decurrens, Quercus kelloggii) with mixed chaparral on old cleared or burned slopes (Prunus emarginata, Ceanothus cordulatus & integerrimus, Arctostaphylos patula, Quercus kelloggii). Denser forest N & NE of lake not visited.

VISIT: June 17 (scouting trip, not repeated, the lake not being suitable for Transition zone forest + meadow)

Cisco Grove, 5650 ft., on S Fork Yuba River, Placer Co., Calif. -- in Sec. 29, R 13 E, T 17 N; about 12 mi. W Donner Pass.

VEG. TYPES: riparian woodland (tall Populus trichocarpa, shorter Populus tremuloides (few), Salix sp.; understory of Salix sp., Cornus californicus, Rosa sp., & stream-drifted debris. The understory of the woodland has been largely cleared out on S side of stream, where grasses & forbs alternate with sand or gravel substrate. Coniferous forest (Pinus murrayana, Pinus jeffreyi, Juniperus occidentalis, Abies magnifica) covers adjacent slopes and some of the valley flat as well, mixing with cottonwoods just N of river. The stream is slow-flowing thru most of the 1/4 mi. we usually covered; it meanders noticeably, with debris piled up at intervals (see Melospiza melodia).

This is the highest altitude riparian woodland west of Donner Pass which is not too much mixed with conifers, although the cottonwoods occur on up to Kingvale, 6060 ft., about 6½ mi. W of the pass.

VISITS: June 24; July 5, 8, 22 (twice); Aug. 5 (twice), Aug. 16.

Cold Creek Road, 5850-7800 ft., W side Carson Range, eastern (extreme) Eldorado Co., Calif. -- starting from "Sierra House" (now abandoned) as shown on 1893 USGS Markleeville quad. map & running easterly to High Meadow; the creek it parallels is not the Cold Creek labelled such on this map, but a longer one just S ot it.

VEG. TYPES: coniferous forest (Pinus jeffreyi, Abies concolor, & much shrub understory at lower elevations; Abies concolor and/or magnifica, Pinus jeffreyi, Pinus murrayana with more scattered shrubs at medium elevations; Pinus murrayana, Pinus jeffreyi, Abies magnifica at higher elevations, with very open structure & low sagebrush or scattered chaparral patches) Aspen groves along stream and in seepage areas.

VISITS: July 9, 23.

Cowgill Meadow, 6900-7000 ft., W of Sugar Bowl Lodge (across creek from it), approx. 7/8 mi. S, $\frac{1}{2}$-$1\frac{1}{4}$ mi. W Donner Pass, Placer Co., Calif. -- in & adjacent to SW portion of Sec. 20 (Sec. 19 missing), T 17 N, R 15 E

VEG. TYPES: wet ground (very wet early in season) bearing riparian thickets (Salix of 2 sp., Alnus tenuifolia, the latter only near permanent streams); boggy areas with few or scattered willows have very lush herb growth (Delphinium sp., Aconitum columbianum, Lupinus sp., Dodecatheon sp., Pentstemon sp., Mimulus 2 sp., etc.); drier hummocks are mostly succeeding to patches of conifer forest (Abies magnifica, followed by Pinus murrayana); a few adjacent drier slopes (?? cleared ?) are merely narrow bands of other forbs between conifer forest (see Disney & Crow's Nest peaks) and willow thickets.

VISITS: June 17, 19 (twice), 23, 24, 26 (twice); July 1, 3 (twice), 7, 13, 17 (twice), 25, 27, 31 (twice) Aug. 2, 3, 8, 14 (twice). Besides which certain notes in regard to the extreme E. end of the meadow may be entered under Sugar Bowl Lodge & vicinity.

Crow's Nest Peak, N. base of, 7000-7200 (peak is marked 7900 ft. on Truckee quad. USGS map, 1932), just S & SW of Cowgill Meadow (q.v.), Placer Co., Calif. -- summit of the peak is in Sec. 36, R 14 E, T 17 N.

VEG. TYPES: coniferous forest, moderately dense to dense (Abies magnifica, Pinus monticola, Pinus murrayana, with scattered few Tsuga mertensiana, which forms almost solid stand on higher slopes just NE of peak); riparian thickets (Alnus tenuifolia) form narrow bands of shrub vegetation in the steep draws, the largest single thicket being between Crow's Nest & Disney Peaks; understory of conifer forest similar to that near Sugar Bowl Lodge (q.v.).

VISITS: June 20, 22, 23, 24; July 7, 25. On Aug. 10 in company of F.A.Pitelka & several Audubon campers, I hiked from the lodge up the N. slope of the peak to the summit, thence along the ridge to Ice Lakes Camp Ground (q.v.).

Daggett Pass -- see p. 3a.

Disney Peak, N. base of, 7000-7500 ft., just S of E part of Cowgill Meadow (q.v.) and directly across Sugar Bowl stream from Sugar Bowl Lodge, Placer Co., Calif. -- for E. slope of Disney Peak see "Sugar Bowl".

VEG. TYPES: coniferous forest of same type as on Crow's Nest peak (see above), but with more of this cleared for ski trails, such areas being covered with a variety of forbs and a few low shrubs (Sambucus racemosa, Ribes sp.) except where too steep; outcrops of of volcanic agglomerate above 7200 ft. are without significant vegetation. Many felled trees along forest edge

Disney Peak (cont.)
VISITS: June 20, 22, 24, 26 (twice); July 1, 3, 7, 13, 17, 20, 25, 27; Aug. 2, 3, 8, 10, 14.

Donner Lake, 5930 (-6100 ft. on trips around it), 3 to 6 mi. W Truckee, southern Nevada Co., Calif. -- areas from which observations are recorded are the sandy valley at W. end (inlet) of lake, and along the dirt road ~~along~~ on the steep mountainside immediately S of lake.

VEG. TYPES: W. end -- coniferous forest (Pinus murrayana, in solid stand on older alluvium, mixed with Pinus jeffreyi on rockier borders and in present stream flood area); riparian woodland (scarcely developed, the Populus tremuloides trees being only discontinuously present along stream & with conifers everywhere admixed, a few Populus trichocarpa near SW & NW corners of lake); riparian thickets (Salix sp., Cornus californicus) and grassland (narrowly, along stream flood plain only).

S. side -- coniferous forest (Abies concolor, Abies magnifica, Pinus murrayana, Pinus jeffreyi) with well developed understory on most (moist) slopes (Populus tremuloides in draws & over seepages, Ceanothus cordulatus, Prunus emarginata, Ribes sp., etc). Forest at SE end of lake (on flat) is similar to that at W. end.

VISITS: W. end -- June 24; Aug. 10
S. side -- July 4; Aug. 10, Aug. 11

Donner Pass, 7135 ft. (7189 just N of Highway 40), on Nevada Co.--Placer Co. line, Calif. -- between Secs. 16 & 21, R 15 E, T 17 N.

Donner Pass, ½ mi. E of, 6500-6600 ft., on Co. line yet.

VEG. TYPES: large rounded (glaciated) granite outcrops with scattered trees & shrubs (Pinus jeffreyi, Pinus murrayana, Juniperus occidentalis, Arctostaphylos nevadensis, A. patula, Ceanothus cordulatus, Spiraea densiflora, Populus tremuloides near stream); the shrubs forming almost solid chaparral at base of large talus slope just above where I observed (below So. Pac. R.R. tracks) (Lloyd Ingles & Ferd Ruth saw & heard Ochotona princeps on this talus slope; but I did not).

VISIT: July 30 (plus driving past this general area on all "Donner Pass to Reno" trips & those to Boca Reservoir & Lake Tahoe, Donner Lake, & Truckee).

Donner Pass, "just" N to 1/3 mi. N of, 7200 ft., Nevada Co., Calif. -- for description of veg. see Angela L.

VISITS: July 7, 8, 13; Aug. 3

Donner Pass, 1/3 - 2/3 mi. S of, 7100 (7050 ?) - 7200 ft Placer Co., Calif. -- (= NE to SE of Mary Lake, in W edge of Sec. 21, R 15 E, T 17 N.

VEG. TYPES: patches of coniferous forest (Abies magnifica, Pinus murrayana, Pinus jeffreyi, Pinus monticola, Tsuga mertensiana) alternating with subalpine chaparral on rocky slopes (Quercus vacciniifolia, Arctostaphylos nevadensis, Ceanothus cordulatus, Prunus emarginata, Spiraea densiflora, etc.) and small thickets of Populus tremuloides in moist draws; riparian thickets (Alnus tenuifolia, Salix sp.) near lake; small lake (artificial, but of 18+ years existence). Several cabins along route followed near the lake.

VISITS: June 29 (twice); July 7, 13, 18; Aug. 11, 24, 25 (twice), 26.

Donner Pass, 3/4-1 mi. W. of, -- see "S. slope Signal Hill

Donner Pass to Reno ("enroute"), via U.S. Route 40 thru Truckee, down Truckee Canyon, thru Verdi, Nevada.

VEG. TYPES: vary from similar to last 2 described near the pass, to arid conifer forest (Pinus jeffreyi, Pinus murrayana, Abies magnifica, the latter 2 sp. dropping out soon) both W & E of Truckee, this with more & more sagebrush formation (A. tridentata, Purshia tridentata, Chrysothamnus sp.) in interstices & along preclimax slopes in gentler topography E of Truckee. The narrower canyon which follows (Hirschdale's to beyond Floriston) has various stages of forest regrowth from fires & logging, with a low, dense chaparral of at least partly deciduous species, and with Populus tremuloides thickets over seepages. Cercocarpus ledifolius occurs as pioneer shrub on volcanic talus slopes up to at least Union Mills, 5900 ft., and on benches in lower Truckee Canyon. On NE facing slopes in canyon, there is a scattering of Abies concolor & Libocedrus decurrens mixed with the widespread dominant Pinus jeffreyi, and near this same area patches of tall shrubs (Cercocarpus, Prunus demissa, Prunus emarginata, Arctostaphylos patula) give the forest a woodland character (Magpies, Scrub Jays, Brewer's Blackbird seen regularly here). Riparian growth changes from Populus tremuloides near Donner Lake, to P. trichocarpa & Salix sp. below Truckee, to Populus fremontii & Salix sp. before Reno is reached. Upland areas from near Verdi on to Reno are mixed low sagebrush-grass formation, the lowlands being grassland maintained by irrigation.

VISITS: June 27; July 12, 26; Aug. 5, 9, 23. {all from car or on brief stop

Also, the ~~upper~~ portions at higher altitudes were traversed by car on all trips to Boca Reservoir (q.v.) & Prosser Cr., Sierra Valley, & Little Truckee River (q.v (on these last, only on this route as far as Truckee)

Emigrant Gap, N. slope of, (town is on S slope), 5200-5000 ft., between Highway US 40 & State Route 20, Placer Co., Calif. -- Secs. 31 & 30, R 12 E, T 17 N.

VEG. TYPES: (in order, from usual stop at gap itself, where S.P.RR. & highway 40 cross, downslope to the north) -- road & other grading (NYack Lodge) talus; montane chaparral (Arctostaphylos patula, Ceanothus cordulatus, C. integerrimus, Prunus emarginata, etc.) with scattered young trees (Quercus kelloggii, Pinus ponderosa, Libocedrus decurrens) coming up through it in lower altit. portions; coniferous forest (Pinus ponderosa, Libocedrus decurrens, Pinus lambertiana, Pseudotsuga taxifolia, Quercus kelloggii), with interstitial & understory of Cornus nuttallii in moist draws, & Acer macrophyllum, Acer glabrum locally; forest very dense at 4900'

VISITS: June 17 (no stop), 23; July 7, 21; Aug. 4, Aug. 18.

Freel Peak, 10,900 ft. (at summit), Carson Range, SE of Lake Tahoe, Eldorado-Alpine Co. boundary, Calif.

VEG. TYPES (on portion visited by us): alpine fell-fields & cliffs (with very little herbaceous vegetation in this, apparently a very dry, year); subalpine forest (Pinus albicaulis) visible on slopes below; krummholz (Pinus albicaulis) in cirque between this peak & Job's Sister (q.v.).

VISIT: July 23

Galena Creek Camp -- see p. 3a. (omitted here by error).

Geiger Lookout (on Geiger Grade), 5500-5560 ft., approx. 2 mi. E Steamboat Springs, Washoe Co., Nev. -- along Nevada Route 17 on W slope Virginia Range (labelled Washoe Mts. on some maps).

VEG. TYPES: pigmy conifer woodland (Pinus cembroides monophylla, Juniperus californica utahensis) with low sparse shrubs in interstices (Artemisia tridentata, Chrysothamnus sp., Ephedra nevadensis, Eriogonum, etc.) and several nearby islands (on altered andesite rocks) of sparse, low pine woodland (Pinus jeffreyi, & almost nothing else); dry grassland (narrowly in canyon & on "mesa" just above lookout); Great Basin sagebrush formation (A. tridentata, Purshia tridentata, Chrysothamnus sp., Prunus andersonii) on alluvial fan & very base of the "Grade"

VISITS: June 27; July 12, 26; Aug. 9, Aug. 23 (this last trip did not include the "lookout" & vicinity, but only the sparse pinyon-juniper area where it thins out to sagebrush of foothill.

Hampshire Rocks Camp Ground, 5900 ft., on S Fork Yuba River, Placer Co., Calif. -- in eastern portion of Sec. 27, R 13 E, T 17 N; about 9 mi. W Donner Pass.
VEG. TYPES: mixed conifer (Pinus murrayana, Pinus jeffreyi, Abies magnifica, Abies concolor) and riparian woodland (Populus tremuloides, P. trichocarpa, Ceanothus cordulatus, Salix sp., Cornus californica, etc.). Upland shrub areas (Arctostaphylos patula, Ceanothus cordulatus, C. velutinus, etc.) are extensive on S-facing slope across the highway (beyond strip of forest) but were not covered in our visit~~s~~. Stream itself is here a series of deep pools separated by low waterfalls & short rapids (not very turbulent).
VISIT: Aug. 17

High Meadow, 7800 ft., Carson Range, eastern Eldorado Co. Calif. -- 2 1/8 mi. N by W Freel Peak (q.v.), 5 mi. ~~S~~ SE of SE end Lake Tahoe.
VEG. TYPES: coniferous forest (Pinus murrayana, Abies magnifica, and ? Pinus monticola), with stringers of it (chiefly P. murrayana) here & there on the low sedge meadow; riparian groves (Populus tremuloides).
VISITS: July 9 (meadow viewed from $\frac{1}{4}$ mi. away on Cold Creek Road); July 23, including hike from meadow to Star Lake & Freel & Job's Sister Peaks (q.v.)

Ice Lakes Camp Ground, 6900 ft., just E of Serena L. & N of Dulzura L. as shown on Truckee USGS topo map (these 2 lakes now called "Ice Lakes"), Placer Co., Calif. -- approx. 3 mi. W, 1 mi. S Donner Pass; in Secs. 26, 27, 34, 35 of R 14 E, T 17 N.
VEG. TYPES: coniferous forest (Pinus murrayana, Abies magnifica) in moderate to dense stands, except where broken or adjacent to: low sedge-forb-grass meadows; riparian thickets (Salix sp.) near lake. Forest upslope (S-facing) to NE is more open, with shrubs similar to those of Donner Pass (q.v.).; open lake with aquatic vegetation moderately abundant in late summer.
VISITS: June 29 (included hike around both lakes, which are confluent in middle); July 22; Aug. 10 (included hike along ridge from Crow's Nest peak, q.v., & into camp ground from NE); Aug. 24.

Idlewild Park, 4500 ft., Reno, Washoe Co, Nev. -- this city park, located along the Truckee River near W end of town, was used for our group trips (4 station wagons of campers) for rest room purposes; but certain notes on waterfowl present on the lake (incl. wild Branta canadensis) or song birds in shade trees are recorded.
VEG. TYPES: various planted trees (broad-l. & conifers); riparian woodland remnants (P.fremontii, Salix) lake - VISITS: June 27; July 12, 26; Aug. 9, 23,

Job's Sister (peak), NNW to W slopes of, 9200-10,600 ft. (peak = 10,820 ft.), Carson Range, Eldorado & Alpine Co. boundary, Calif. -- approx. 8 mi. SE Lake Tahoe.
VEG. TYPES: alpine fell-fields similar to those on adjacent Freel Peak (q.v.); high, more or less rectangularly broken cliffs; krummholz (Pinus albicaulis); subalpine conifer forest (Pinus albicaulis, plus, at the lower altitudes, Tsuga mertensiana).
VISIT: July 23. (See Leucosticte tephrocotis)

Lake Tahoe, 6229 ft., Calif. & Nevada -- descriptions of the few spots visited on foot are given under more detailed localities below. Circuit of the lake by automobile was made on July 9; the W. side & S. end also on Aug. 6; the E. side (both coming & going to High Meadow, Freel Peak, etc.) on July 23. A few entries are made under certain bird species which were observed in the forests and/or chaparral areas along the roads around the lake.

Lake Tahoe, S. end of, 6230 ft. (E. of Camp Richardson), Eldorado Co., Calif. -- area covered included a bit of upland forest near Camp Richardson (while at lunch) and marsh & beach E. of Camp Richardson in Sec. 6 & 5 (2 mi. sections N-S), R 12 N, T 18 E.
VEG. TYPES: conifer forest (Pinus murrayana, in pure stand on high part of beach & similar sandy areas, elsewhere admixed with Pinus jeffreyi & Abies concolor) tall sedge marsh (with water to 3+ ft. deep); wet grassland & low sedge marsh; sandy beach; large, deep lake
VISIT: July 9.

Lake Tahoe, "enroute" past N. end of, -- including lower part of Mt. Rose Road (Nevada Route 27) above Incline, & W. from Incline to Kings Beach, thence N toward Martis Valley.
VEG. TYPES: coniferous forest, dense except where cleared or where adjacent to riparian groves or thickets near lake shore in a few spots -- in most of this distance the conifers extend clear to lake shore. (Pinus jeffreyi, Pinus lambertiana, Abies concolor, Libocedrus decurrens with understory of Ceanothus cordulatus, Arctostaphylos patula, Prunus emarginata, Salix nuttallii, etc.) (riparian: Populus tremuloides Populus trichocarpa (near Kings Beach); golf course; large, deep lake.
July 9
VISITS: June 27;/July 12, 23; 26; Aug. 9, 23.
with stops on shore at Kings Beach on July 12,23, ~~&~~

Lake Van Norden, 6760-6800 ft. (including meadow just E. of it), S. of Norden & Soda Springs, in Nevada & Placer Cos., Calif. -- in Summit Valley 2-3 mi. W. of Donner Pass.

VEG. TYPES: open mountain lake (artificial, with water partly drained out each year); short sedge, grass, & forb meadow; riparian thickets (Salix sp.); conifer forest bordering all these (Pinus murrayana, Abies concolor, the latter mostly back from the lake a bit more; small clumps of Populus tremuloides on few slopes nearby). As the water receded in August, extensive amphibious vegetation was stranded & provided habitat for foraging sandpipers & blackbirds.

VISITS: June 18, 20 (twice); July 4 (twice), 18, 19; Aug. 1 (twice), 15 (twice), 20, 22, 26. Also numerous other trips by car past the north shore, on a few of which I recorded notes on a few birds. (See also "Soda Springs", near the L. Van Norden dam).

Little Truckee River valley, 5800-5880 ft., W. & N. of steel bridge on Truckee-Stampede Valley road, Sierra Co., Calif. -- 3 mi. E, 5 mi. N Hobart Mills, Nevada Co.

VEG. TYPES: on flood plain (less than 1/8 mi. wide) -- dense, but short (grazed) grassland, with scattered riparian thickets (Salix sp.) and cut-off pools with sedge-marsh borders; on adjacent uplands -- low Great Basin sagebrush formation (Artemisia tridentata, plus few other shrubs); stream is slightly turbulent here, flowing over mostly cobblestone-sized substrate; higher slopes to SW & N of the valley are covered with arid conifer forest (mostly Pinus jeffreyi, but with at least a few Juniperus sp/? along its border to N)

VISITS: July 27; Aug. 5 (from road only), Aug. 17. (first & last of these were searches for Sage Hens).

Little (or Lower) Washoe Lake, 5020 ft., N end Washoe Valley, SW Washoe Co., Nev. -- just E US Route 395.

VEG. TYPES: shallow lake without outlet (dried up to only narrow ditch in 1949) with sparse growth of tall sedges (Scirpus sp.) in south "arm" & along NE shore, much Polygonum amphibium in shallower portions and Potamogeton sp. in deeper parts (espec. late in summer, when remnant of lake was entirely weed filled). tree clumps SW & NE of lake (Populus fremontii); grass land narrowly along valley just W & S of lake; all other adjacent slopes covered with Great Basin sagebrush formation (Artemisia tridentata, here very tall, much less Chrysothamnus, Purshia, etc.)

VISITS: June 27; July 12, 26; Aug. 9, 23.

"Lodge" -- see Sugar Bowl Lodge
"Mary Lake" -- see 1/3 mi. S Donner Pass

Martis Valley, 5800-5920 ft., 1½-4½ mi. ESE Truckee, Nevada Co., Calif. (our "coverages" only from road which traverses the valley enroute from Lake Tahoe to Truckee).

VEG. TYPES: Great Basin sagebrush formation (Artemisia tridentata, Purshia tridentata, & other shrubs) grassy swales near stream; arid conifer forest (Pinus jeffreyi, P. murrayana).

VISITS: "enroute" thru valley on July 12, 26; Aug. 9, 23.

Mt. Judah -- 8243 ft. peak on Sierra crest, 1/3 mi. E, 1 1/3 mi. S Donner Pass (see map).

Not visited, but certain notes on birds seen near its lower slopes refer to it.

Mt. Rose, 2 mi. S, 1 mi. E of (or 2 1/3 mi. SSE), 8700-8900 ft., Carson Range, NE of Lake Tahoe, Washoe Co., Nevada. -- our observations limited to immediate vicinity of the road from Galena Creek Camp (q.v.) over the pass near here (8933 ft.) & down to Lake Tahoe; this high altitude stop of our all day trip was merely a brief excursion away from the road near an 8730 ft. Bench Marker just N of the pass.

VEG. TYPES: subalpine conifer forest (Pinus murrayana, Pinus albicaulis, Tsuga mertensiana, Pinus monticola) with extremely little in the way of understory; ground quite gravelly (decomposed granite); one small riparian thicket (Salix sp.) by a water seep. The summit of Mt. Rose is visible from here, with successively higher zones of vegetation, including good krummholz (Pinus albicaulis) & a timberline.

VISITS: June 27; July 12, 26; Aug. 9, 23.

(I climbed this mountain from near here on July 11, 1948; birds recorded on that trip are listed in my personal roll book).

Norden R.R. Sta., near, 6800 ft., (= NE L. Van Norden) approx. on boundary of Nevada & Placer Cos., 2 mi. W Donner Pass, Calif.

VEG. TYPES: forest & border, riparian thickets (few) of same type as listed under Lake Van Norden (q.v.); only the lake & open meadow are not ~~//~~ represented here, although a corner of the latter comes up to the dirt road paralleling the RR on the S at a point here there is a sheep corral (See Sialia currucoides, Certhia familiaris).

VISITS: July 6 (twice) -- plus more briefly on each of the major visits to Lake Van Norden.

Onion Creek canyon, 6050-6100 ft., in SW corner Sec. 1, R 14 E, T. 16 N., Placer Co., Calif. -- along & just E of American River Canyon Road (q.v.).

VEG. TYPES: conifer forest (Abies concolor, Pinus j~~y~~effreyi and/or ponderosa, Libocedrus decurrens) with open, forb-covered or bare areas (cleared ?) in canyon floor; riparian woodland (barely developed) along stream (Populus trichocarpa, P. tremuloides) and thickets between the scattered trees there & about a seep on bench S of creek (Alnus tenuifolia, Salix sp.). Shrub areas in openings of forest upslope to S were just skirted.

VISITS: Aug. 20 ("enroute" to Placer Co. Big Trees, ~~a~~ see below); Aug. 22.

Placer Co. Big Trees, on N-facing slope & draw between it & opposite one of headwaters of Mosquito Creek, a tributary of Middle Fork of American River, in Sec. 18, R 13 E, T 14 N. --- this trip to the northernmost grove of Sequoia gigantea took nearly all day from S.B. Lodge & Soda Springs, via the American River Canyon road from the latter -- a bumpy dirt road, some spots on steeper switchbacks so bumpy the chassis of our Chev. suburban bounced a lot. Until the logging areas S of Robertson Flat were entered & road became many inches deep in dust, it was a beatiful trip; but since we took no detailed note of just where various vegetation was I cannot outline it here.

The Sequoias are at about 5200 ft. elevation, in a moist (still) glen on the N side of a round-topped, forested promontory which juts southward toward the Amer. River. We saw 6 or 7 trees (see photos). The rest of the forest is more or less typical Transition zone conifers, but with much more abundant shrub understory than is found near Bear Valley. Azaleas, Chinquapin, & bush-sized Tanbark Oak were distinctly new items.

While we were wandering around after lunching in the shade of 3 of the Big Trees, an old dead fir bole some 100+ ft. tall crashed suddenly to the ground between two parts of our group, which had scattered out to take pictures & for other purposes. No one had a narrow escape, however; and we all marvelled that such an event would take place on a very quiet, almost windless day just when we were there.

See Map for few locations of birds seen or views enroute.

VISIT: Aug. 20.

Pierce Meadow, S. of -- see ~~W~~ Signal Peak, W. base of

Prosser Creek valley, 5650-5700 ft., 1 1/3 mi. E, 3½ mi. N Truckee, Nevada Co., Calif. -- in west. part of Sec. 25, T 18 N, R 16 E.

VEG. TYPES: Great Basin sagebrush formation on upland slopes N of valley (Artemisia tridentata, Purshia tridentata, Chrysothamnus); coarse grassland on valley floor (few hundred feet ~~to~~ wide), with few scattered willow clumps; slopes S & NE of valley with arid conifer forest (Pinus jeffreyi, Artemisia tridentata). Stream is gentle, but riffles over cobblestone rapids at places. Whole area similar on small scale to Little Truckee River valley (q.v.).

VISITS: June 27 ("enroute" only); July 27, Aug. 11, Aug. 21.

Reno, S. of, 4500-5000 ft., Washoe Co., Nev. -- observations recorded under this locality are ~~of~~ those made while driving along Highway US 395 to Steamboat Sprgs. and small valley immediately south of there (enroute to Little Washoe Lake) and along the first (valley) part of Nevada Route 17 just E of 395 (enroute toward Geiger Lookout).

VEG. TYPES: farmland (mostly irrigated pastures) with many bordering trees (Populus fremontii, few others, including Lombardy poplars); bits of sagebrush on higher, non-irrigated slopes; farm buildings & suburban residential areas.

VISITS: June 27; July 12, 26; Aug. 5 (including similar areas SE & E of Reno, a non-group trip); Aug. 6, Aug. 9, 23.

Reno, Idlewild Park (see under "I").

enroute, Donner Pass to Reno (see under "D")

Sattley, N of. (see Sierra Valley)

Sierra crest N of Donner Pass -- see Donner Pass, N of.

Sierra Valley, 4880-5000 ft., eastern Sierra & Plumas Cos., Calif. -- areas we covered included only "enroute" from S. of Sierraville (via Truckee) W to Sattley, with a 45 min. stop along road N of Sattley, where we waded in flooded field, then on to Sierra Valley Ranch, near center of valley, 6½ mi. N Sierraville, then via N side of the valley thru Vinton & out to E over low pass to US Route 395 & S to Reno.

VEG TYPES (in valley): flooded hay meadows & sedge-bordered ditches & ponds ([illegible] small); Great Basin sagebrush formation on slightly higher areas; arid conifer forest (Pinus jeffreyi) on still higher ones; areas around farm buildings, with some planted shrubs, etc. formed special habitat. (see Troglodytes aedon).

VISIT: June 25.

"Signal Hill", S. slope of, 7100-7300 ft., 3/4-1+ mi. W Donner Pass, on & near Nevada - Placer Co. boundary.
VEG. TYPES: mixed montane chaparral (Prunus emarginata, Ceanothus velutinus, Populus tremuloides, Acer glabrum; &, in drier areas, Arctostaphylos patula, A. nevadensis, Ceanothus cordulatus, Quercus vaccinifolia, Ceanothus prostratus, etc.); patches of conifer forest & scattered trees (Abies concolor, A. magnifica, Pinus murrayana, Pinus jeffreyi, Juniperus occidentalis); small forb (many columbines, thistles, Wyethia, etc.)-covered slopes, just above Highway 40.
VISITS: (via hike a short distance to $\frac{1}{2}$ way up the road leading to airplane beacon on top of 7758 ft. hill): June 21; July 5, 8, 25, 27; Aug. 2, 3, 24.
(This was one of best areas for warblers & finches most of the summer); it forms an interesting contrast with N base of Disney & Crow's Nest peaks straight across Summit Valley from it, but of opposite exposure. Snow here was all all gone by June 16 & apparently had been for some time.

Signal Peak, W. base of, (= Red Mtn.), 5500 ft., in Secs. 24 & 13, R 12 E, T 17 N, about 13 mi. W Donner Pass, in Nevada Co., Calif. -- an exploring trip in late p.m. looking for "Pierce Meadow", which we learned later was actually there, but on beyond over a still bumpier road than the barely traversable one we had gone over from 1$\frac{1}{4}$ mi. below Cisco Grove on US 40.
VEG. TYPES: mixed Transition - Canadian zone forest types; also extensive chaparral on Signal Peak above, with stringers coming down to road we were on here & there.
VISIT: July 6

Snow Lab (see next page)

Squaw Valley (& NE slope Squaw Peak via ski lift from head of valley), E side Sierra crest NW Lake Tahoe, Placer Co., Calif. -- 6300- ft. at head of Squaw Valley where lift starts, approx. 7900 ft. at top (price $1.50 round trip, with stop-over at top).
VEG. TYPES: not examined critically, but includes a lot of montane & subalpine chaparral on slopes below & near the lift. Scattered remnants of red fir-lodgepole & silver pine forest are being cleared for improvement of skiing. Denser forest still remains on N-facing slopes to the S of Squaw Valley. Top of lift is on steep slope with only a few scattered trees, but hardly a true timberline, since good-sized trees exist on higher, but flatter land toward Granite Chief to the north. The Sierran crest from here N & S would be well worth some investigation, botanically & for birds & mammals.
VISITS: July 5. ; also by Bessie Cogswell, et al - Aug. 3 (incl. hike to Sugar Bowl)

Snow Lab, above (= Central Sierras Snow Laboratory operated by U.S. Civil Engineers), 3/4 mi. E Soda Springs, Nevada Co., Calif. -- 7000-7100 ft., in eastern part of Sec. 23, R 14 E, T 17 N.

VEG. TYPES: dense to patchy coniferous forest (Abies magnifica, Pinus murrayana, Pinus jeffreyi, the last chiefly on higher, drier slopes); moist montane chaparral, similar to that on Signal Hill (q.v.) but with less solid stands (Prunus emarginata, Populus tremuloides, Ceanothus velutinus, Arctostaphylos patula etc.).

VISIT: June 22.

Soda Springs, 6750 ft., near (N of) Lake Van Norden dam, and on S.P.RR. & U.S. highway 40, 3 mi. W Donner Pass, Nevada Co., Calif. -- in western part of Sec. 23, R 14 E, T 17 N.

VEG. TYPES: coniferous forest border & scattered trees (Pinus murrayana, this only near dam, plus Abies magnifica elsewhere); bits of grassy meadow & slope of earth dam; cleared, bouldery & forb-covered ski slope; riparian thickets (Salix sp., Alnus tenuifolia); stream with few large pools & rocky bed below this; lake (see L. Van Norden); horse corral & environs of buildings.

VISITS: near dam -- June 18, 20 (twice); July 4; Aug. 1 (twice)

to "town" portion, including up highway to Norden & Donner Pass -- (transporting campers to & from Sugar Bowl Lodge) -- June 18; July 2, 16, 30; Aug. 13, 26.

Star Lake -- see p. 16

Sugar Bowl Lodge, 7000 ft. (perhaps closer to 6900 ft.) 1.2 mi. SSW Donner Pass, Placer Co., Calif. -- near S edge of Sec. 20 (Sec. 19 missing), R 15 E, T 17 N.

VEG. TYPES: coniferous forest (Abies magnifica, Pinus murrayana, Pinus monticola) in moderate to dense stands, the trees averaging about 70-90 ft. tall, with occasional old, broken topped firs much taller; apparently regrowth since near-complete logging in 1870's(?). understory is scanty (? because of deep snows) (Ribes viscoissimum, Ribes sp. of currant, Ribes sp. of gooseberry, Lonicera conjugialis), plus abundant late summer growth of herbs); forest border areas modified by chalet-type buildings; stream or drainage-channel areas with riparian thickets (Alnus tenuifolia; Salix sp.); cleared ski slopes in front of lodge (across stream from it) nearly bare in early summer, but with abundant herb growth progressing thru many aspects in few weeks of summer (Corn Lily, Columbine, Senecio sp., Eriogonum, Potentilla, Epilobium, various Pentstemons, Mimulus, Castillejas, & Lupines among many others).

Sugar Bowl Lodge (cont.)

The stream itself, a raging torrent in the first few weeks of camp when 50 ft. deep banks of snow up in the Sugar Bowl fed it, became a trickle by end of August; it apparently held no aquatic life of significance until midsummer (see Cinclus mexicanus).

VISITS: (include trips from lodge into forest N thereof for approx. .6 mi., i.e. to mouth of Mt. Judah tunnel on E.-bound S.P.RR. tracks, and similar distance along access road NNW of lodge; also around various cabins in forest & edge E to SE of lodge; also in immediate vicinity of stream or on flattish alluvial slope just across it) (For more distant visits to the Sugar Bowl on the SE, see below; for those to adjoining Cowgill Meadow & N. Base of Disney Mtn. & Crow's Nest peaks, see those names).
-- June 17, 18, 19, 21, 28, 30; July 1, 2, 3, 5, 6, 7, 8, 10, 11, 13, 16, 17, 19, 20, 21, 22, 24, 29, 30, 31; Aug. 2, 3, 4, 8, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 24, 25, 26.

Sugar Bowl Lodge (= "Lodge") to Sugar Bowl, 7000-7400 ft., the latter being the in the "pocket" rimmed with mtns. on three sides -- 8243 ft. Mt. Judah to the NE, 8401 ft Mt. Lincoln to the SE, and 7950 ft. Disney Mtn. to the SW -- the area included on the visits listed below being in Sec. 29, R 15 E, T 17 N., Placer Co., Calif.

VEG. TYPES: coniferous forest, grading from similar to that around lodge (see above) to denser, where not cleared, (Abies magnifica, Pinus monticola, Tsuga mertensiana, Pinus murrayana); subalpine chaparral, but scarcely developed on only a few rocky slopes (Quercus vaccinifolia, Arctostaphylos nevadensis, Spiraea densiflora, etc.); riparian thickets (Alnus tenuifolia, Salix sp.); tall herbs in late summer on cleared or naturally open moist slopes; cliffs & boulders of the "walls" of the Sugar Bowl are of volcanic agglomerate, but provided habitat for only a few birds (Salpinctes; Nucifraga)

VISITS (includes "part-way" hikes, if these extended beyond area around cabins): June 21; July 19, 20, 24, 29 31; Aug. 2.

Star Lake, 9210 ft., & vicinity, on High Meadow-Freel Pk. trail, Carson Range SE of Lake Tahoe, Eldorado Co.,Cal.

VEG. TYPES: subalpine forest (Pinus albicaulis, Tsuga mertensiana, & few Pinus murrayana up almost to alt. of lake); narrow line of low shrubs around part of lake shore, otherwise rocky; cliffs SE of lake (see Job's Sister); mountain lake (with lots of trout).

VISIT: July 23

Tahoe Valley, 6250- 6500 ft., S of Lake Tahoe, Eldorado Co., Calif. -- traversed (but observations only casual from roadsides) as far as Meyer's on the S., and along main highways around Lake Tahoe; also from Meyer's along dirt road to "Sierra House" SE of the lake (start of the Cold Creek Road, q.v.).

VEG. TYPES: semi-arid conifer forest (Pinus jeffreyi Pinus murrayana, Abies concolor, many interstitial & understory shrubs, but these not in dense array, much Artemisia tridentata included on eastward side); mountain meadows & small streams therein; cabins & vicinities.

VISITS: July 9; Aug. 6; (also the extreme E part on July 23, but with no observations as I recall).

U.S. Highway 40, W of Emigrant Gap (q.v.) to lower altitudes on W slope of Sierra -- not covered on any of our field trips. A few notes entered for observations made on rapid trips here on June 16; July 19; Aug. 19.

U.S. Highway 40 E of Donner Pass (see Donner Pass to Reno).

Yuba Gap, 5 00 ft., just S of U.S. Route 40

VEG. TYPES: coniferous forest (Abies concolor, Libocedrus decurrens, Pinus jeffreyi) with scattered large shrub clumps along borders (Ceanothus cordulatus, Arctostaphylos patula, Prunus sp.); riparian grove (Populus tremuloides, mixed with the conifers); small artificial pond nearly filled with floating & emergent plants.

VISITS: June 17; July 7, 21; Aug. 4, 18.

Cogswell
1950

"Journal"

LOG OF LOCALITIES VISITED & TIME SPENT AFIELD IN DONNER PASS - LAKE TAHOE - western NEVADA region.
(all times are Pacific Daylight Saving)
(for description of areas see preceding pp/)

June 17
0800-1100 - Cowgill Meadow ; forest near Sugar Bowl Lodge (= "Lodge" ~~in~~ henceforth in this log)
p.m. - Big Bend Camp Ground; Chubb Lake; Bear Valley (SE end + midway of N side); Yuba Gap (very casual coverages of all these -- a scouting trip).
June 18
var. times- Lodge & vicinity
p.m.- Lake Van Norden (N. side) ; Soda Springs (near dam)
June 19 -
a.m.- Lodge & adjacent forest ; Cowgill Meadow
June 20
0800-1000 - Lake Van Norden (meadow E of it, plus along N shore by car); Soda Springs (near dam).
1500-1700 - repeat: Lake Van Norden & Soda Springs
1030-1145 - N. bases of Disney Mtn. & Crow's Nest peak.
June 21 -
0820-0955 - S. slope Signal Hill
1010-1210 - Lodge to Sugar Bowl (up via W side, back via E)
June 22
0815-0950 - above Snow Lab (only visit here).
1010-1205 - N. base of Disney & Crow's Nest
1910-2030 - E. of Boca Reservoir
June 23
0900-1120 - Emigrant Gap (N slope); Bear Valley (N side, plus briefer stop at SE end); "S. of Camp Spaulding"
1400-1600 - Cowgill Meadow; N base Crow's Nest peak.
June 24
0358-0630 - Cowgill Meadow (S border); N base Disney & Crow's Nest peaks (for morning bird song chorus -- see p. of this Journal for recording of awakening times, etc.).
0830-0945 - Cisco Grove
1025-1145 - W. end Donner Lake
June 25
0900 & ff.- enroute (no observations except from car) from Truckee to Sierra ville via State Hwy 89, thence W & N to Sattley, Sierra Co. (stopped about ½ hour about 1 mi. N Sattley)
1000-1400 - Sierra Valley Ranch (Mr. Macmillan, owner) (spent most of this time wading across flooded grassland of central part of valley)
1400-1745 - enroute from last thru Vinton, Plumas Co., & E to US Route 395, S. to Reno & W. to Donner Pass.
June 26
0800-0940 - N base~~s~~ of Disney Peak; Cowgill Meadow (S. border)
1510-1640 - " " " " " ; " " " "

June 27
0755-0920 - enroute: Donner Pass via US Route 40 to Reno, Nev.
0920-0932 - Idlewild Park, Reno
0932-1045 - enroute from last to,and at: Geiger Lookout
1115-1240 - Little Washoe Lake (from SE side)
1240-1310 - enroute: N from last to Reno Hot Spr., thence up Mt. Rose Road to next.
1310-1415 - Galena Creek Camp, Carson Range, Nev.
1450-1515 - 2 mi. S, 1 mi. E (= 2 1/3 mi. SSE) Mt. Rose, Carson Range, Nev. (may also be listed in some sp. accts. as "N." or "just N." Mt. Rose-Slide Mtn. saddle).
1515 & ff. - enroute: from last, via N. end Lake Tahoe, to Donner Pass.

June 28 - 0850
0850-1105 - E. of Boca Reservoir (plus "enroute" via Truckee)
earl~~e~~y a.m.
plus p.m. - Lodge & vicinity.

June 29
0810-0950 - 1/3 - 2/3 S Donner Pass (= E. of Mary Lake)
1020-1200 - ditto.
1445-1645 - Ice Lakes (hike around them, counter-clockwise).

June 30
0825-0920 - Big Bend Camp Ground
1525-1640 - " " " "
other times - near Lodge (casual observations)

July 1 -
0500-0610 - Lodge vicinity & forest NW (to RR crossing)
1030-1215 - Cowgill Meadow (S portion); N. base Disney Peak.

July 2
a.m. - Lodge & vicinity (casual)
p.m. - enroute: Lodge to Soda Springs, Donner Pass, & Truckee (picking up arriving campers)

July 3
0800-1000 - Lodge & vicinity; Cowgill Meadow (N & middle parts)
1010-1210 - " " " ; Cowgill Meadow (S. border); N. base Disney Peak.

July 4
0805-0955 - Lake Van Norden (NE end & meadow adjacent)
1510-1700 - " " " " " " " and NW end (near dam) & adjacent Soda Springs.

July 5
0810-0950 - S. slope Signal Hill
1040-1140 - Cisco Grove
1500-1620 - Squaw Valley (rode up "Sky chair" ski lift, off at top at about 7900 ft., & looked around, & return).
early a.m.
& earl.p.m. - Lodge & vicinity. (casual observations)

July 6
0800-1000 - Lodge & vicinity; near Norden R.R. Sta (NE of lake)
1010-1210 - " " " ; " " " " " " " " (see *Certhia familiaris* notes)
late p.m. - W base Signal Peak, S of Pierce Meadow (exploring trip)

July 7
0430-0630 - Cowgill Mdw (S. side); N bases Disney & Crow's Nest Peaks (song chorus record on p.
0810-1210 - Yuba Gap; Emigrant Gap (N. slope); Bear Valley (N. side); 1/3 mi. S Camp Spaulding.
p.m. - Lodge & vicinity (casual)
1900-2030 - 1/3 - 2/3 mi. S Donner Pass (Mary Lake area); ridge (Sierra crest) just N Donner Pass.

July 8
0815-0950 - S. slope Signal Hill
1035-1140 - Cisco Grove
1910-1945 - ridge just N Donner Pass
var.times - Lodge & vicinity (casual)

July 9
0910-1900 - to S. end Lake Tahoe (where we waded in marsh & walked beach E of Camp Richardson, 1050-1240), up Tahoe Valley to Meyers, via Trout Creek Rd. to Cold Cr. road & up it nearly to High Meadow; return to Donner Pass via E. side Lake Tahoe.

July 10
0840-1100 - E. of Boca Reservoir
1115-1130 - Truckee Riv. & vicinity, 5600 ft. alt. (just E. of "Union Mills" of Truckee Quad. U.S.G.S. map); p.m. near Lodge

July 11
0500-0645 - Soda Springs & S. along American River C. road to switchback at 6300 ft. (= 2½ mi. W, 3½ mi. S Donner Pass, or 3+ mi. S L.Van Norden)
var.times - Lodge & vicinity

July 12
0755-0940 - enroute: Donner Pass to Reno, Nev.; Idlewild Park, Reno. (approx. 15 min.)
0940-0955 - enroute: S. along US 395 & Nev.Route 17 from Reno to:
1010-1045 - Geiger Lookout, Virginia Range, Nev.
1140-1230 - Little Washoe Lake (from NE & N sides)
1300-1340 - Galena Creek Camp
1415-1515 - 2 mi. S, 1 mi. E Mt. Rose
1515 & ff.- enroute: from last via N. end Lake Tahoe, Martis Val., & Truckee to Donner Pass.

July 13
0800-1000 - Lodge & vic.; N. base Disney Peak; Cowgill Meadow (S border)
1015-1200 - 1/3-2/3 mi. S Donner Pass (E & SE Mary Lake)
1520-1700 - Sierra crest N of Donner Pass to beyond Angela Lake (approx. 3/4 mi.)

July 16
all day - Lodge & vicinity; also enroute from it to Soda Springs, Norden, & Donner Pass (picking up new campers).

July 17
0800 -1000- Cowgill Meadow (N & NE sides); Lodge & vicinity
1015-1210- Cowgill Meadow (S side); N base Disney Peak.

July 18
0810-0957 - Lake Van Norden (NE side) & adjacent meadow
1508-1655 - 1/3-2/3 mi. S Donner Pass (NE to SE Mary Lake)

July 19 (see p. for song chorus rec.
0450-0700- Lodge to Sugar Bowl (up W side, back E side of creek)
0805-0952- Lake Van Norden (NE side)
late a.m.
& all p.m.- enroute: down US Hwy 40 to Sacramento (few observations on fast trip)
July 20
0450-0700- Lodge to Sugar Bowl (sim. trip to yesterday) but no record of song chorus kept. (also 1 hour here in pm)
0900-1030- N. base Disney Peak
July 21
0850-0930- Yuba Gap (N side of pond); Emigrant Gap (N slope).
1000-1140- Bear Valley (N side)
early a.m.
plus p.m. - Lodge & vicinity (casual)
July 22
0830-0935- Cisco Grove
1035-1140- " "
1445-1640- near Camp Pahatsi, 5+ mi. W Donner Pass; E of Ice Lakes
oth.times- Lodge & vicinity (casual)
July 23
0740-0900- High Meadow to upper end of Canadian Zone below Star Lake, Carson Range, Eldorado Co. (all day hike)
0900-1030- from last, to Star Lake & up ridge of Job's Sister (peak) to cirque between it & Freel Peak (timberline)
1030-1420- above timberline on Freel Peak ($1\frac{1}{2}$ hrs. on summit) and Job's Sister (see *Leucosticte tephrocotis*)
(return hike more rapid; few to no observations).
July 24
0840-1110- E. of Boca Reservoir
1500-1630
& other times - Lodge & vicinity; also ½ mi. toward Sugar Bowl.
July 25
0500-0700- N bases of Disney & Crow's Nest peaks; Cowgill Meadow (S. border) (for bird song chorus record see p.)
0820-0945- S. slope Signal Hill, 3/4 mi. W Donner Pass
July 26
0800-0950- enroute: Donner Pass via US Hwy 40 to Reno; Idlewild Park, Reno.
0950-1040- enroute: S. from Reno along US 395 & Nev. Route 17 to:
1040-1105- Geiger Lookout, E. of Steamboat Springs, Virginia Range
1150-1240- Little Washoe Lake (from SE shore)
1310-1420- Galena Creek Camp
1420-1540- 2 mi. S, 1 mi. E Mt. Rose, Carson Range.
1540 & ff.- enroute: from last via N. end Lake Tahoe, Martis Valley, Truckee, to Donner Pass.
July 27
0810-1005- S. slope Signal Hill, 3/4 mi. W Donner Pass
1030-1140- N base Disney Peak; Cowgill Meadow (S portion)
1400-1530- Prosser Cr., 1 1/3 mi. E, $3\frac{1}{2}$ mi. N Truckee
1610-1640- Little Truckee River, 3 mi. E, 5 mi. N Hobart Mills

July 28
1020-1145- American River Canyon road, 2½ mi. S Soda Springs (= 3 mi. W, 2 mi. S Donner Pass)
1525-1640- Big Bend Camp Ground & N of it
July 29
all day- Sugar Bowl Lodge & vicinity; also ¼ mi. toward
Sugar Bowl (in late p.m.)
July 30
0940-1010- ½ mi. E Donner Pass (= from Highway to N base Donner/Peak)
other times- Lodge & vicinity; also enroute to Soda Springs,
Norden, & Truckee (picking up mew campers).
July 31
0800-1000- Lodge & vicinity (forest N. of it); Cowgill Meadow
(NE border).
1010-1210- reverse of last sequence.
1330-1415- Lodge to about ½ way to Sugar Bowl
Aug. 1
0810-0950- Lake Van Norden (E. end & adjacent meadow, plus along
N shore to:) ; Soda Springs (near dam).
1510-1655- ditto last.
Aug. 2
0815-0950- S. slope Signal Hill, 3/4 mi. W Donner Pass
1020-1130- N base Disney Peak; Cowgill Meadow (s. portion)
1345-1450- Lodge to Sugar Bowl (up via E side, back via W of creek
Aug. 3
0815-0950- S. slope Signal Hill, 3/4 mi. W Donner Pass
1030-1130- N base Disney Peak; Cowgill Meadow (SE border); Lodge
& vicinity.
1530-1700- Lodge thru forest N of it to W. end Mt. Judah RR tunnel
1915-2000- ridge just N of Donner Pass.
Aug. 4
0830-0850- Yuba Gap (N side of small pond)
0900-0930- Emigrant Gap (N slope)
0945-1142- Bear Valley (N side; SE end)
p.m. - Lodge & vicinity
Aug. 5
0825-0940- Cisco Grove
1035-1150- " "
p.m. - enroute: Truckee N. across Little Truckee River on
dirt road to Stampede Valley, thence NE to ridge
SE of Dog Valley (Sierra Co.), thence E to Verdi &
Reno, Nev. ; Virginia L. in S. part of Reno; farmland S. & E. of Reno (covered mostly from car);
return to Donner Pass up Highway US 40 (at dusk).
Aug. 6
0910-1030- enroute: Donner Pass via W.side Lake Tahoe to North
of Bijou.
1045-1245- Daggett Pass (Carson Range) & down Kingsbury Grade
(Nev. Rt.19) with stop in Haines Cr. canyon, and
along W. side Carson Valley thru Genoa, Nev.
1330-1415- Carson City (plaza of capitol)
1415-1610- E.side Washoe Valley E of Big Washoe L.; also ½ mi. NW from N. end of lake

Aug. 7

0845-1130- E. side of Boca Reservoir

1500-1700- Sugar Bowl Lodge & thru forest N of it to W. end Mt. Judah RR tunnel (approx. .6 mi.)

Aug. 8

0810-0940- N base Disney Mtn.; Cowgill Meadow (S portion)

other times - near Lodge

Aug. 9

0810-0932- enroute: Donner Pass to Reno, Nev., via US Route 40

0932-0945- Idlewild Park, Reno.

0945-1000- enroute: S. along US Route 395 & Nev. Route 17 to:

1005-1055- Geiger Lookout, E. of Steamboat Springs, Virginia Rg.

1115-1230- Little Washoe Lake (from NE corner along E side)

1240-1540- enroute from Washoe via dirt road to Galena Creek Camp (approx. 1 hr. there) & up Mt. Rose Road, with 3/4 hr. at 2 mi. S., 1 mi. E Mt. Rose, then via N end Lake Tahoe, Martis Valley, & Truckee to Donner Pass

Aug. 10

0820-0935- Donner Lake (W. end, briefly, & forest near middle S. portion)

1030-1145- Ice Lakes Camp Ground

Aug. 11

0810-0945- 1/4-2/3 mi. S Donner Pass (NE to SE Mary Lake)

1525-1645- Big Bend Camp Ground & slope N of it.

early p.m. - Lodge & vicinity

& late p.m.- S. shore Donner Lake & Prosser Cr. valley N of Truckee (after dark).

Aug. 12

all day - Lodge & vicinity (casual)

Aug. 13

all day - Lodge & vicinity (casual); enroute to Soda Springs, Lake Van Norden, & Truckee.

Aug. 14

0800-1000- Lodge & vicinity; N base Disney Mtn. & immed. adjac. border of Cowgill Meadow

1010-1210- Lodge thru forest N of it & W to NE border Cowgill Mdw.

Aug. 15

0805-0955- Lake Van Norden (meadow E. of it, plus along N shore)

1505-1655- " " " " " " " " " " "

early a.m.
plus p.m.- Lodge & vicinity.

Aug.16

0825-0940- Cisco Grove (N side of river only)

1010-1200-
& other times - Sugar Bowl Lodge & vicinity.

Aug. 17

0820-0945- Hampshire Rocks Camp Ground (only visit here)

1010-1210- Lodge & vicinity

a.m.& p.m.- enroute: along N shore Lake Van Norden

1500-1630- Little Truckee Riv. valley, 3 mi. E, 5+ mi. N Hobart Mills, Sierra Co. (Sage Hen search)

Aug. 18
0835-0850- Yuba Gap (N side small pond)
0855-0930- Emigrant Gap (N slope)
0940-1135- Bear Valley (SE end)
1510-1700- Lodge, & thru forest 1/8 mi. N of it.

Aug. 19
all day - enroute: to Sacramento, Berkeley & return to Donner Pass (few observations on fast trip).

Aug. 20
0910-1720- Lodge, along N shore Lake Van Norden, past Ice Lakes & along American River Canyon road S thereof, to Wabena Cr., Sunflower Hill, Robertson Flat, & North Grove of Big Trees (Placer Co.); return. (expedition to see the northernmost grove of Sequoia gigantea) (a long, rugged trip by very bumpy and/or dusty dirt road).

Aug. 21
0840-1140- Prosser Creek val., 1 1/3 mi. E, 3½ mi. N Truckee.
p.m. - Lodge & vicinity; slope just SW Mary Lake (fighting forest fire)

Aug. 22
0830-1135- American River Canyon Road, ~~north~~ south of Soda Springs, with stops at 6500 ft. (2½ mi. W, 3 1/4 mi. S. Donner Pass) and 6300¯ ft. (2½ mi. W, 3½ mi. S Donner Pass); Onion Creek Canyon near the Am. R. C. Road.
- enroute: along N shore L. Van Norden (to & from last)
p.m. - Lodge & vicinity. ; after dark -- along N. side L. Van Norden & Am. River Canyon Road to beyond Ice Lakes.

Aug. 23
0810-0930- enroute: Donner Pass to Reno via US Route 40; Idlewild Park in Reno (to 0940)
0945-1100- enroute: S of Reno along US Route 395 & Nev. Route 17 to slope of Virginia Range N of base of Geiger Grade (this stop being N of & slightly lower than Lookout)
1120-1245- Little Washoe Lake, (from E. shore & wading therefrom)
1310-1430- Galena Creek Camp
1500-1530- 2 mi. S, 1 mi. E Mt. Rose
ff. 1530- enroute: from last via N end Lake Tahoe, Martis Valley & Truckee to Donner Pass

Aug. 24
0810-0950- S slope Signal Hill (3/4 mi. W Donner Pass)
1025-1150- Ice Lakes Camp Ground & vicinity
var.times- Lodge & vicinity
1345-1445- ½ to 2/3 mi. S Donner Pass (E & SE Mary Lake)

Aug. 25
0810-1000- 1/3-2/3 mi. S Donner Pass; thru forest from RR crossing to Lodge.
1015-1205- reverse of last.

Aug. 26
all day - Lodge & vicinity (casual); 2 trips to Soda Springs via N shore Lake Van Norden.

Morning Bird Chorus Record

SE Border of Cowgill Meadow, Sugar Bowl Lodge area.

June 24 - 0258 - P.S.T. to 0440 P.S.T.

0319 - Hammond Flycatcher - 1 note. ("hee-sic")
0320 - Lincoln's Sparrow - song
0322 - " " - again ~~song~~, closer to us
0323½ - Hammond Flycatcher - 2nd "hee-sic" note
0324¼ " " - 3rd " " "
0326½ - White-crowned Sparrow - song, repeated regularly.
0329 - another " " " - answered by call note
0330½ - several " " " - " " " "
0332 - Lincoln's Sparrow - sang from close to us again
0332½ - a 2nd White-crowned Sparrow sang in answer to 1st one.
0335¼ - Western Tanager - "pit-ik" call - repeated
0336 - Lincoln's Sparrow - sang close to us again
. White-crowned Sparrows in full chorus.
0338¼ - W. Wood Pewee - called "pée-eer" - repeated twice by 0339
0340¼ - 2 more Pewees
0330½ - Tanager sang briefly.
0331 - Green-tailed Towhee - sang from outlying clump of firs.
0334 - Robin - 1st song, near lodge
0335 - Hermit Thrush - heard singing, & another calling, after observers changed position.
0348¼ - Junco - called - followed by song
0350 - 1 small bird seen flying
0350½ - Chipping Sparrow - 1st song
0351 - Hammond Flycatcher - 1st full song
0355 - observers moved on 100 ft.
0357½ - Pileolated Warbler - 1st song

June 24 (cont.)

0400 - Mtn. Chickadee - 1st call (chick-a-dee)
0404 - Cassin's Finch - sang from forest w of creek
0405 - Warbling Vireo - " " willows + few firs.
0405½ - Audubon's Warbler - " " forest
0407 - Mtn. Quail - 1st "quoork"
0410 - Robins, Tanagers, Juncos, Pileolated Warbler, Chipping Sparrow, Hammond's Flycatcher, Hermit Thrush, Lincoln's Sparrow all in song. White-crowned Sparrows silent
0415 - observers moved some 500 ft. on across creek into edge of main forest, arriving at
0417 - Golden-crowned Kinglet - singing already
0421 - Ruby-crowned Kinglet - 1 song in forest below us, repeated at intervals of few seconds
0422 - Pine Siskin flew over westward, calling
0430 - Cassin's Finch - commenced singing again after lapse
0434 - Williamson's Sapsucker - flew past, alighted in firs & called.
0438 - sun shining on Crow's Nest (7900 ft.)
0440 - End of Record

Morning Bird Chorus Record

July 7 S.E. border of Cowgill Meadow + forest along N base of Disney Peak + Crow's Nest,

0330 - Pacific Standard Time — Start of observations mosquitoes already out.
0336 - Lincoln's Sparrow song — the first bird heard
0339 - " " " (2nd individual)
0339½ - Traill's Flycatcher - call note
0340 - White-crowned Sparrow - 1st song, steady thereafter
0340½ - Traill's Flycatcher - song
0346 - W. Wood Pewee - "
0348 - North Star now barely visible
0349 - Hammond's Flycatcher - gave 2 "see-pit" calls
0351 - Robin - singing near lodge (one near us began several minutes later)
0353 - Chipping Sparrow - song
0354 - Pileolated Warbler - "trip" call note
observers moved 150± ft. farther on - still at edge of forest
0358 - Hammond's Flycatcher - full "see pit, tsurp pséék" song
0400 - Hermit Thrush - singing in forest behind us. may have been doing so some time; extraneous noises cause trouble. (S.P.R.R.)
0401 - West. Tanager - "prit-tic" calls, followed by steady chorus of song
0403 - Audubon's Warbler - song
0405 - Pileolated Warbler - 1st heard singing
0408 - Evening Grosbeak - calls heard
Venus, Jupiter, + the Moon are still bright. North Star invisible.

July 7 (cont.)

0515 - White-crowned Sparrows not singing now.

0520 - Observers moved upslope into forest.

~~Ruby-crowned Kinglet~~ } singing there when
+ Oregon Junco } we arrived.

We also saw the Hermit Thrush singing from 15 ft down from top, on outer edge of canopy of a tall red fir.

0520½ - 2 birds seen flying over (sp.?)

0522 - Olive-sided Flycatcher - sang

0527 - Pine Siskin - flew over, calling.

Observers moved W. to lower N slope of Crow's Nest Peak, crossing an alder-lined stream enroute. New post in forest again.

0530 - Cassin's Finch - song heard enroute to new post.)

0532 - " " - 2nd individual singing

0535 - Venus still visible

0537 - Observers moved on W in direction of hypothetical Pine Grosbeak (which turned out to be Cassin's Finch song).

0540 - mtn. Chickadee - call heard.

End of Record of Chorus

- Golden-crowned Kinglet - song heard enroute back thru forest.

Warbling Vireo - Song heard in willows.

0602 - Sun rose on lower (N.) end of Cowgill Meadow.

July 19 Sugar Bowl Lodge 7000 ft. to lower "flat" (7400 ft.) in Sugar Bowl near base of Mt. Lincoln, Placer Co. Calif.

0355 to 0520 Pacific Standard Time. weather clear & cool.

Incomplete record of time of beginning of song of various species of birds heard:
(Cogswell and 16 other "listeners"). - (Group B)

0355 - White-crowned Sparrow - began singing in willow thickets some time during last 5 min

0356 - Traill's Flycatcher } both in song, forest edge
W. Wood Pewee } and willow thickets.

0357 - Robin - first song; full chorus within 2 or 3 min.

0401 - Lincoln's Sparrow - 1st heard in distant willows, but may have been singing earlier & not distinguished (cf.)

0409 - Western Tanager - calls heard

Observers moved across open slope & neared patch of forest.

0411 - Olive-sided Flycatcher } all in song upon
Oregon Junco } arrival at new post.
Chipping Sparrow }

Observers moved again

0422 - Audubon's Warbler - several already singing in next patch of trees (larger)

- Green-tailed Towhee - singing from shrubs far upslope.

Observers moved on into denser forest

0428 - Hairy Woodpecker - calls heard (bird flew)

0430 - Sapsucker (species?) - heard drumming.

End of record of beginning of singing.

July 19 (cont.)

Other species heard (or seen) thereafter included:

Rufous Hummingbird - 2
Calliope (?) Hummingbird - 1 - active about paintbrush by 0435.
Hammond's or Wright's (?) Flycatcher - 2 (no full "song" heard)

* Red-breasted Nuthatch - 1
* Mountain Chickadee - 2
* Brown Creeper - 1 singing, + 3 others calling.
House Wren - 2 (call-notes only)
~~Robin~~
* Hermit Thrush - 1 heard singing, 1 seen.
* Golden-crowned Kinglet - 5± (no songs)
* Ruby-crowned Kinglet - 2 singing
Pileolated Warbler - 2 " from willow thickets in floor of Sugar Bowl.
Lazuli Bunting - 4 singing ♂♂ (2 seen) in willows and young firs in Sugar Bowl.
Cassin's Finch - 2 singing.
Pine Siskin - many

Species starred (*) in above list were in denser red fir, silver pine, hemlock forests, which we did not reach until after all birds had awakened.

other items of interest:

2 Mule Deer (1♀, 1♂) grazing on skyline in saddle between Mts. Lincoln & Disney.
3 large dark swallows (martins?) flying around them.

Cogswell (+ 4 other listener-observers) "Journal" 31
1950

Morning Bird Chorus Record

July 25 along N. base of Disney mtn. & NE base of Crow's Nest mtn.
the former bordering on willow thickets of Cowgill meadow,
7000-7050 ft., 1.3 mi. SSW Donner Pass, Placer Co., Calif.

Time when a particular species was first heard singing (or calling, if so stated) is recorded. Repeated songs thereafter are assumed. all times are Pacific Standard:

0401 - Traill's Flycatcher
0401¼ - W. Wood Pewee
0403½ - Lincoln's Sparrow
0405 - White-crowned Sparrow -
0409 - Robin - only 1 singing for some min. subsequent to this time.

white-crowns now in full chorus (6 or 7)

observers moved on to new post. nearer forest

by 0413 - Hermit Thrush
by 0420 - Chipping Sparrow
0421 - Hammond's Flycatcher - called several times, then gave full song.
0425 - Oregon Junco
0426 - W. Tanager - called "prit-it" only
0430 - Rufous Hummingbird - ♂ active about willows.
0433 - Calliope Hummingbird - ♀ active.

Observers now at 4th listening post, still cannot hear within dense forest on slope of Crow's Nest.

0434 - Pileolated warbler - 1 called in willows
0438 - House wren - " " " "
0443 - " " - calling & another one giving subdued song.

July 25 (cont'd)

After 0445 observers moved on upslope and into forest out of hearing from meadow. No awakening times kept since it is felt that all species were awake before this time.

Additional Species recorded were:

Warbling Vireo - singing
Audubon Warbler - "
Mountain Chickadee - calls only
Lazuli Bunting - songs
Ruby-crowned Kinglet - "
Golden-crowned Kinglet - calls only
Purple Finch - 1 song + calls
Cassin's Finch - calls only
Hairy Woodpecker - " "
Red-breasted Nuthatch -

Aug. 16, 1950

Observation by Dorothy E. Groner, (+ companion whose name I don't remember): One hour in woods

Location:

Alder thicket one half mile back of Lodge. Riparian woodland. Lodge pole pine, red fir, willows Flowers: Paint brush, Queen Anne's Lace, Corn Lilly, senecio, lupine, aster, checker bloom.

Area: 100 ft. X 50 ft.

10:35 1 Audubon Warbler - foraging thru alder
1 Rufous Humming bird, immature male, resting branch lodge pole pine.
10:40 1 Ruf. Hum. gathering nectar from Indian pt. br.
10:45 1 Audubon Warbler - foraging
1 Chickadee - looking in hole thee-chee-dee-dee
1 Western Warbler Vireo - forg. wh. pine
10:46 Ruf. Hum. returns to perch
10:47 Chickadee - parent + yg. looking in hole pine
10:50 Immature Orange Crown Warbler responds

Aug. 16, 1950 33-2

to squeaks
2 Mature Org. Crwn. Warblers respond to squeak
Started to chase each other
1 Female Tanager - food in bill sitting
in white pine. Disap. + ret. - food gone
10:55 Golden Pileated - foraging
10:56 1 Orng. Crwn. Warbler feeding in willow
10:58 1 " " " foraging " "
10:59 Audu. Warb. flew + rested in wh. pine overhead
10:59 1 Calaveras Warbler feeding in willows -
flew to perch on l. pole pine.
11:00 1 Ruf. Hum. Im. male on alder -
stuck out transp. tongue
11:01 1 G. Pileated Warbler feeding on alder
11:02 1 Orng. Crw. " flew + rested overhead
11:02 1 Ruf. Hum. flew from alder to l. p. pine
11:02 Morn. Cloak + Checker Spot - feeding
on senecio
11:03 Shaggy dog crunching bone.
Ruf. Hum. mov. to another l.p. pine
flew out of sight

Aug. 16 1950

33-3

11:05 1 O. Crown Warbler - flew overhead to alder foraging

11:10 1 O. Crown Warbler foraging in alders

1 " " " " " "

2 Calaveras " " " "

11:12 Im. Ruf. Hum. back on l. p. pine exercising wings - flew away

11:15 1 Calv. Warbler foraging

1 Ruf. Hum. moved to wh. pine - seems to have 4 regular perches.

11:16 Calav. Warbler - worm or caterp. off l. p. pine

11:20 G. Pileolated Warbler - quite near - foraging in alders

11:20 Chickaree - ran down pine.

11:21 4 Orange Cr. Warblers foraging in lupine

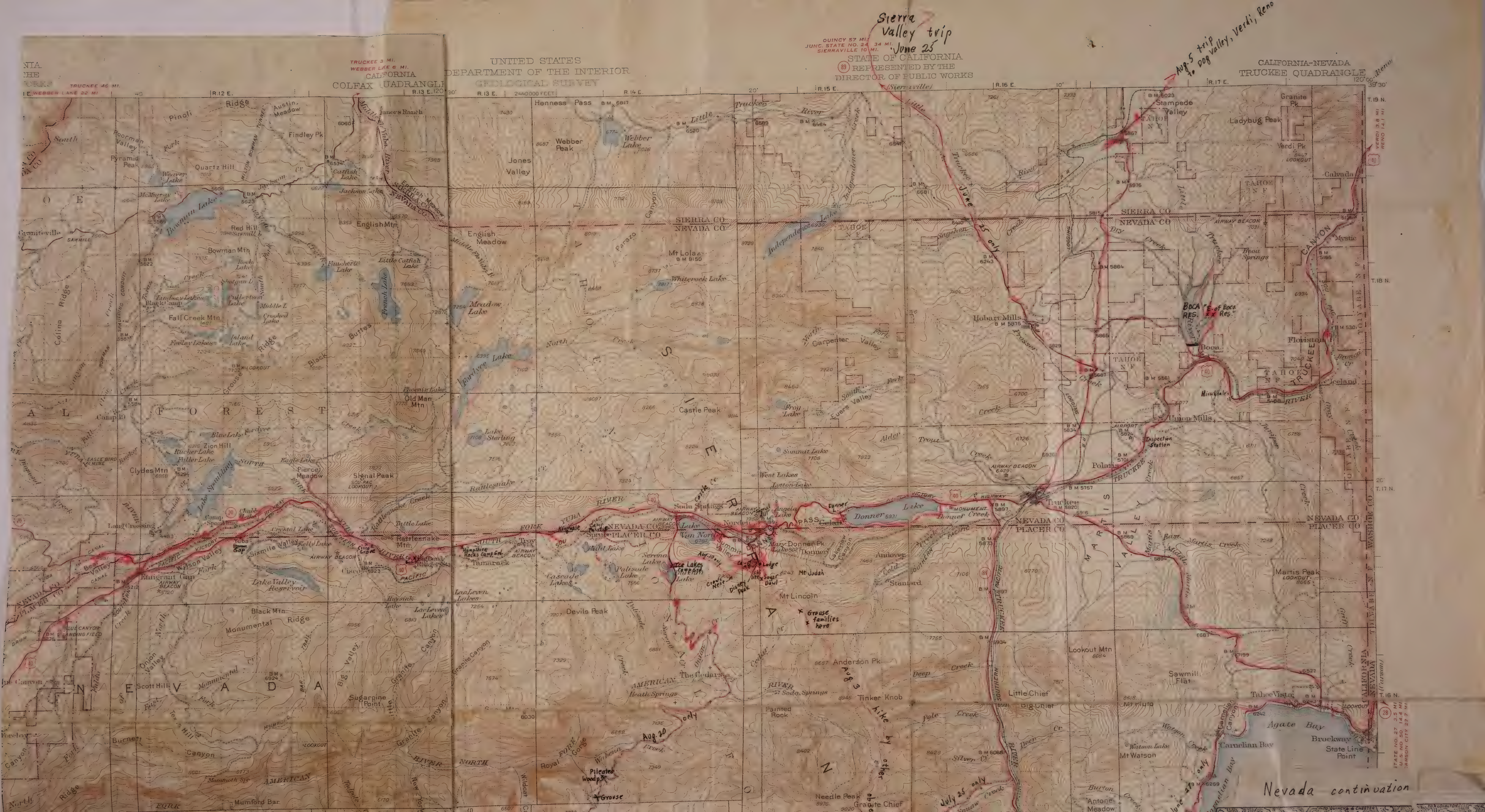
11:22 1 " " " overhead - looking us over

11:25 2 " " " foraging in alders

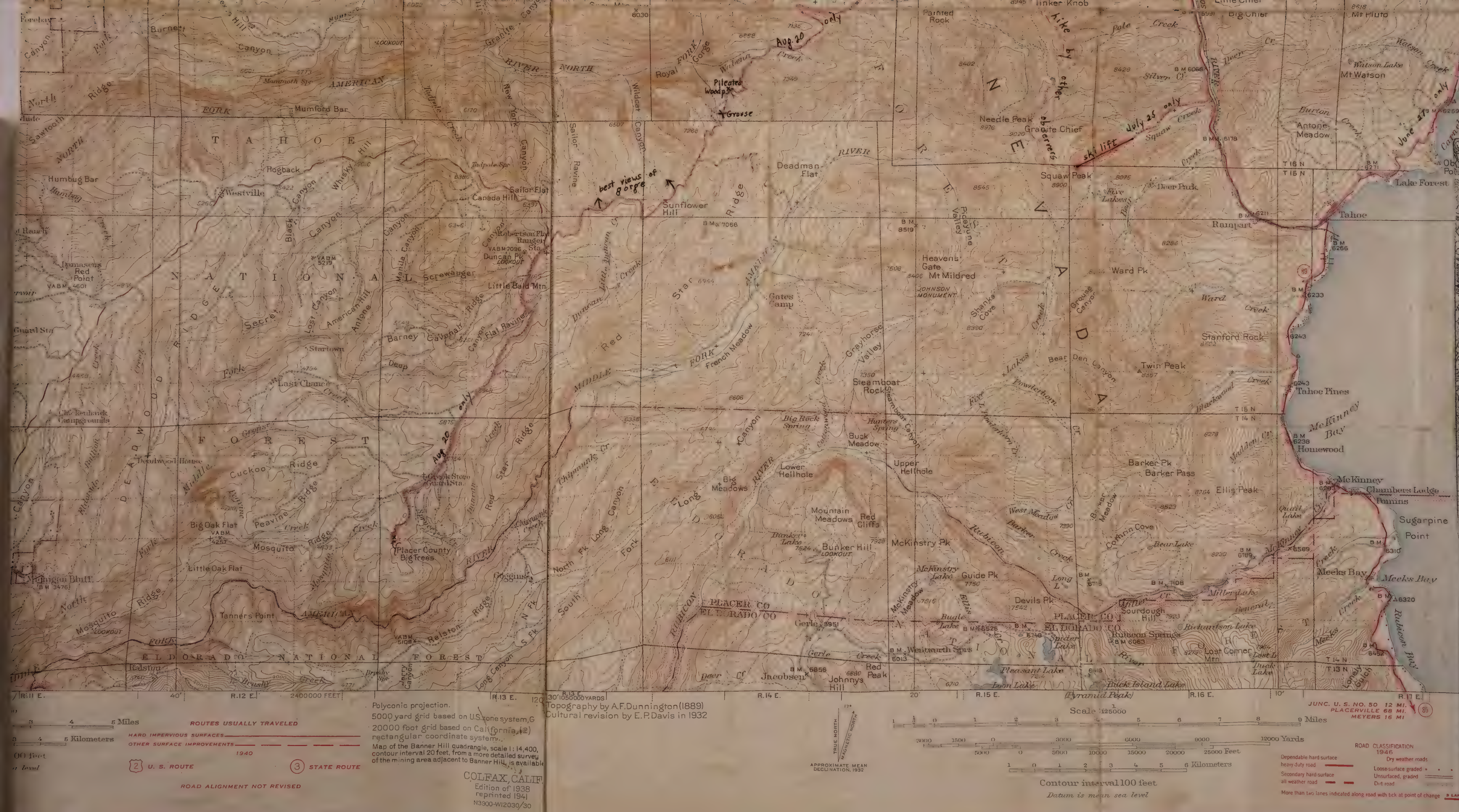
11:26 Ruf. Hum. back on reg. perch on l. p. pine shakes out tail + wings

Aug. 16 1950

11:27 1 Or. Cr. Warbler foraging in grass
11:28 1 Calav. " " in alder - flew across
11:30 Or. Cr. Warbler foraging on current buck-
flew in fir - then to l. p. pine
11:31 1 Ruf. Hum. flew overh. to reg. perch just sat
11:35 1 Gol. Pil. Warbler foraging low down
in alders - chirped
11:36 1 Chickadee foraging in l. p. pine
11:36 1 Or. Cr. Warbler overhead
11:37 1 " " " feeding on lupine
11:38 1 Purple Finch foragin in l. p. pine
1 Audu. Warbler " " " " "
11:39 1 " " " " " " "



Sierra Valley trip June 25
Aug. 5 trip to Dog Valley, Verdi, Reno
QUINCY 57 MI.
JUNC. STATE NO. 24 34 MI.
SIERRAVILLE 10 MI.
TRUCKEE 3 MI.
WEBBER LAKE 6 MI.
TRUCKEE 46 MI.
WEBBER LAKE 32 MI
CALIFORNIA
COLFAX QUADRANGLE
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
STATE OF CALIFORNIA
REPRESENTED BY THE
DIRECTOR OF PUBLIC WORKS
CALIFORNIA-NEVADA
TRUCKEE QUADRANGLE
Reno
VERDI 3.6 MI
RENO 14.1 MI
Henness Pass
Webber Peak
Webber Lake
Jones Valley
Little Truckee River
Stampede Valley
Ladybug Peak
Granite Pk
Verdi Pk
Calvada
Mystic
Boca Springs
Boca Res.
E. of Boca Res.
Boca
Floriston
Iceland
Hirschdale
Union Mills
Inspection Station
Polaris
Hobart Mills
Carpenter Valley
Independence Lake
Sierra Co
Nevada Co
Placer Co
Mt Lola
Whiterock Lake
Meadow Lake
Castle Peak
Summit Lake
West Lakes
Soda Springs
Norden
Donner Lake
Donner Pass
Mary Donner Pk
Mt Judah
Mt Lincoln
Sugar Bowl
Ice Lakes
Serena Lake
Palisade Lake
Cascade Lakes
Devils Peak
Grouse families here
Crow's Nest
Disney Peak
Aug. 10 only
Truckee
Martis Valley
Martis Peak
Lookout Mtn
Sawmill Flat
Tahoe Vista
Agate Bay
Brockway
Carnelian Bay
State Line Point
Mt Watson
Anderson Pk
Tinker Knob
Painted Rock
Needle Peak
Granite Chief
Squaw Creek
Aug 3 hike by other
Aug. 20 only
July 25 only
June 25 only
Little Chief
Big Chief
The Cedars
Heath Springs
American River
Royal Gorge
Pileated Woodp.
Grouse
Mumford Bar
Sugarpine Point
Scott Hill
Burnett
Onion Valley
Big Valley
Monumental Ridge
Black Mtn
Lake Valley Reservoir
Emigrant Gap
Wilson Valley
Yuba Gap
Sixmile Valley
Cisco
Rattlesnake Mtn
Kingvale
Tamarack
Signal Peak
Pierce Meadow
Old Man Mtn
Lake Sterling
Fordyce Lake
Zion Hill
Clydes Mtn
Camp 19
Fall Creek Mtn
Bowman Lake
Bowman Mtn
Red Hill
English Mtn
English Meadow
Jackson Lake
Quartz Hill
Pyramid Peak
Findley Pk
Pinoli Ridge
Austin Meadow
Graniteville
Colfax
Blue Canyon
Nevada
Forest
Tahoe N.F.
Nevada continuation



3 4 5 Miles

3 4 5 Kilometers

00 feet

level

ROUTES USUALLY TRAVELED

HARD IMPERVIOUS SURFACES

OTHER SURFACE IMPROVEMENTS

1940

2 U. S. ROUTE

3 STATE ROUTE

ROAD ALIGNMENT NOT REVISED

Polyconic projection.

5000 yard grid based on U.S. zone system, G

20000 foot grid based on California (2) rectangular coordinate system.

Map of the Banner Hill quadrangle, scale 1:14,400, contour interval 20 feet, from a more detailed survey of the mining area adjacent to Banner Hill, is available

COLFAX, CALIF.
Edition of 1938
reprinted 1941
N3900-W12030/30

Topography by A.F. Dunnington (1889)
Cultural revision by E.P. Davis in 1932

TRUE NORTH
MAGNETIC NORTH
17°
APPROXIMATE MEAN DECLINATION, 1932

Scale $\frac{1}{125000}$

1 ½ 0 1 2 3 4 5 6 7 8 9 Miles

3000 1500 0 3000 6000 9000 12000 Yards

5000 0 5000 10000 15000 20000 25000 Feet

1 0 1 2 3 4 5 6 Kilometers

Contour interval 100 feet

Datum is mean sea level

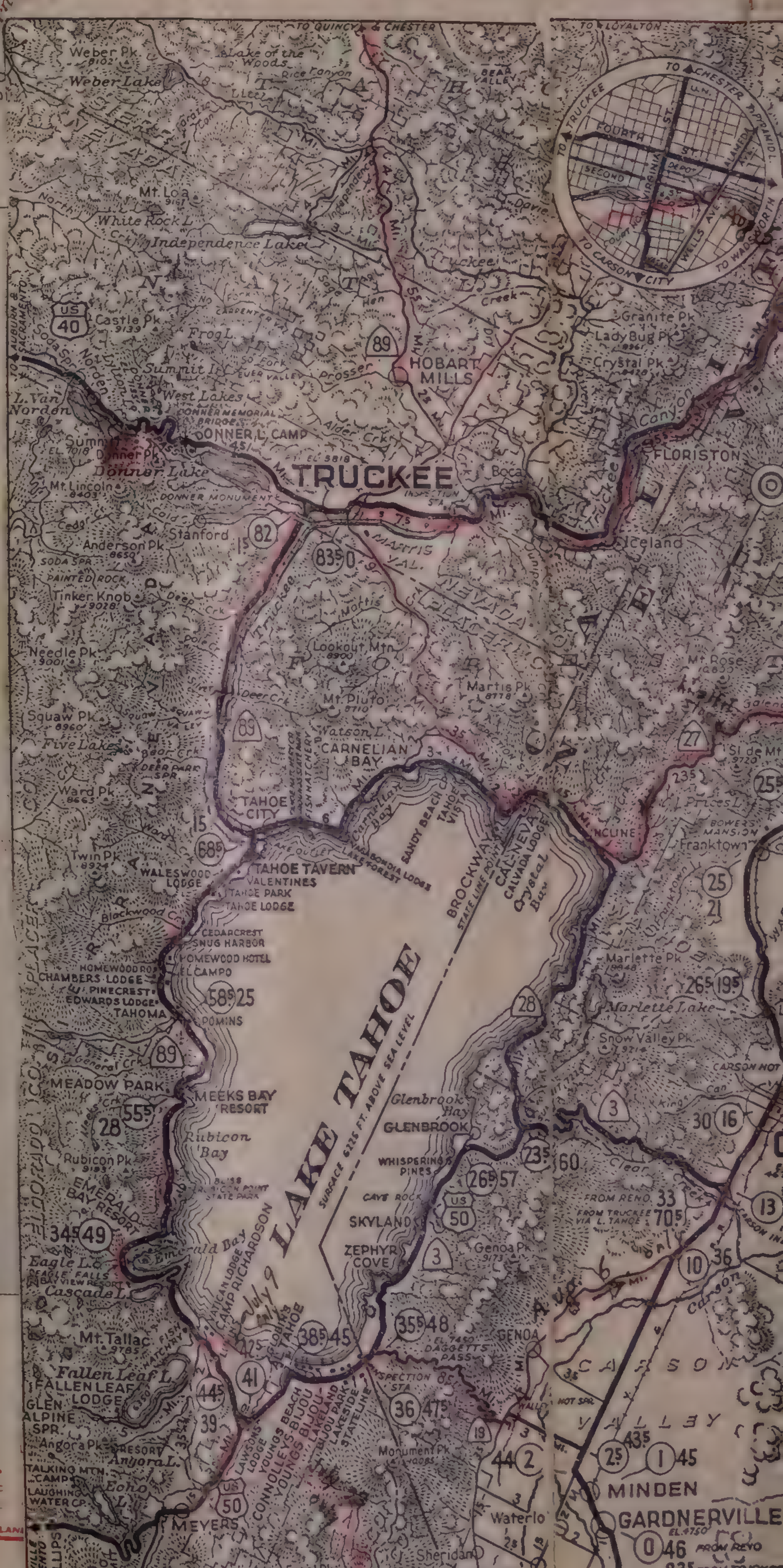
JUNC. U. S. NO. 50 12 MI.
PLACERVILLE 68 MI.
MEYERS 16 MI
89

ROAD CLASSIFICATION
1946

Dependable hard surface heavy-duty road	Dry weather roads
Secondary hard-surface all weather road	Loose-surface graded
	Unsurfaced, graded
	Dirt road

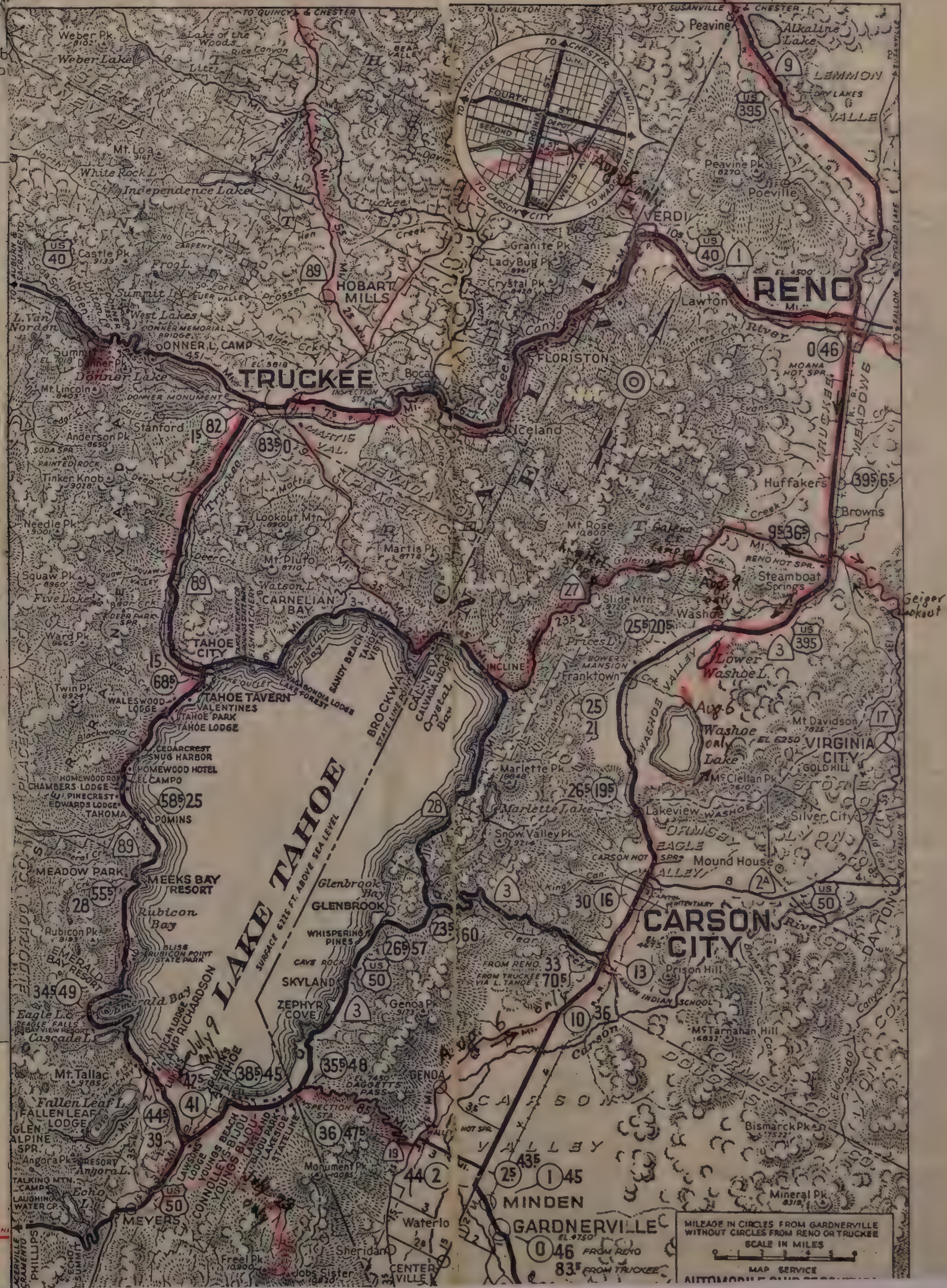
More than two lanes indicated along road with tick at point of change

Nevada continuation



Nevada continuation

June 25 (Sierra Valley) trip only



THE TOPOGRAPHIC MAPS OF THE UNITED STATES

The United States Geological Survey is making a series of standard topographic maps to cover the United States. This work has been in progress since 1882, and the published maps cover more than 47 percent of the country, exclusive of outlying possessions.

The maps are published on sheets that measure about 16½ by 20 inches. Under the general plan adopted the country is divided into quadrangles bounded by parallels of latitude and meridians of longitude. These quadrangles are mapped on different scales, the scale selected for each map being that which is best adapted to general use in the development of the country; and consequently, though the standard maps are of nearly uniform size, the areas that they represent are of different sizes. On the lower margin of each map are printed graphic scales showing distances in feet, meters, miles, and kilometers. In addition, the scale of the map is shown by a fraction expressing a fixed ratio between linear measurements on the map and corresponding distances on the ground. For example, the scale $\frac{1}{62,500}$ means that 1 unit on the map (such as 1 inch, 1 foot, or 1 meter) represents 62,500 of the same units on the earth's surface.

Although some areas are surveyed and some maps are compiled and published on special scales for special purposes, the standard topographic surveys and the resulting maps have for many years been of three types, differentiated as follows:

1. Surveys of areas in which there are problems of great public importance—relating, for example, to mineral development, irrigation, or reclamation of swamp areas—are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{31,680}$ (1 inch = one-half mile) or $\frac{1}{24,000}$ (1 inch = 2,000 feet), with a contour interval of 1 to 100 feet, according to the relief of the particular area mapped.

2. Surveys of areas in which there are problems of average public importance, such as most of the basin of the Mississippi and its tributaries, are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile), with a contour interval of 10 to 100 feet.

3. Surveys of areas in which the problems are of minor public importance, such as much of the mountain or desert region of Arizona or New Mexico, and the high mountain area of the northwest, are made with sufficient detail to be used in the publication of maps on a scale of $\frac{1}{125,000}$ (1 inch = nearly 2 miles) or $\frac{1}{250,000}$ (1 inch = nearly 4 miles), with a contour interval of 20 to 250 feet.

The aerial camera is now being used in mapping. From the information recorded on the photographs, planimetric maps, which show only drainage and culture, have been made for some areas in the United States. By the use of stereoscopic plotting apparatus, aerial photographs are utilized also in the making of the regular topographic maps, which show relief as well as drainage and culture.

A topographic survey of Alaska has been in progress since 1898, and nearly 44 percent of its area has now been mapped. About 15 percent of the Territory has been covered by maps on a scale of $\frac{1}{500,000}$ (1 inch = nearly 8 miles). For most of the remainder of the area surveyed the maps published are on a scale of $\frac{1}{250,000}$ (1 inch = nearly 4 miles). For some areas of particular economic importance, covering about 4,300 square miles, the maps published are on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile) or larger. In addition to the area covered by topographic maps, about 11,300 square miles of southeastern Alaska has been covered by planimetric maps on scales of $\frac{1}{125,000}$ and $\frac{1}{250,000}$.

The Hawaiian Islands have been surveyed, and the resulting maps are published on a scale of $\frac{1}{62,500}$.

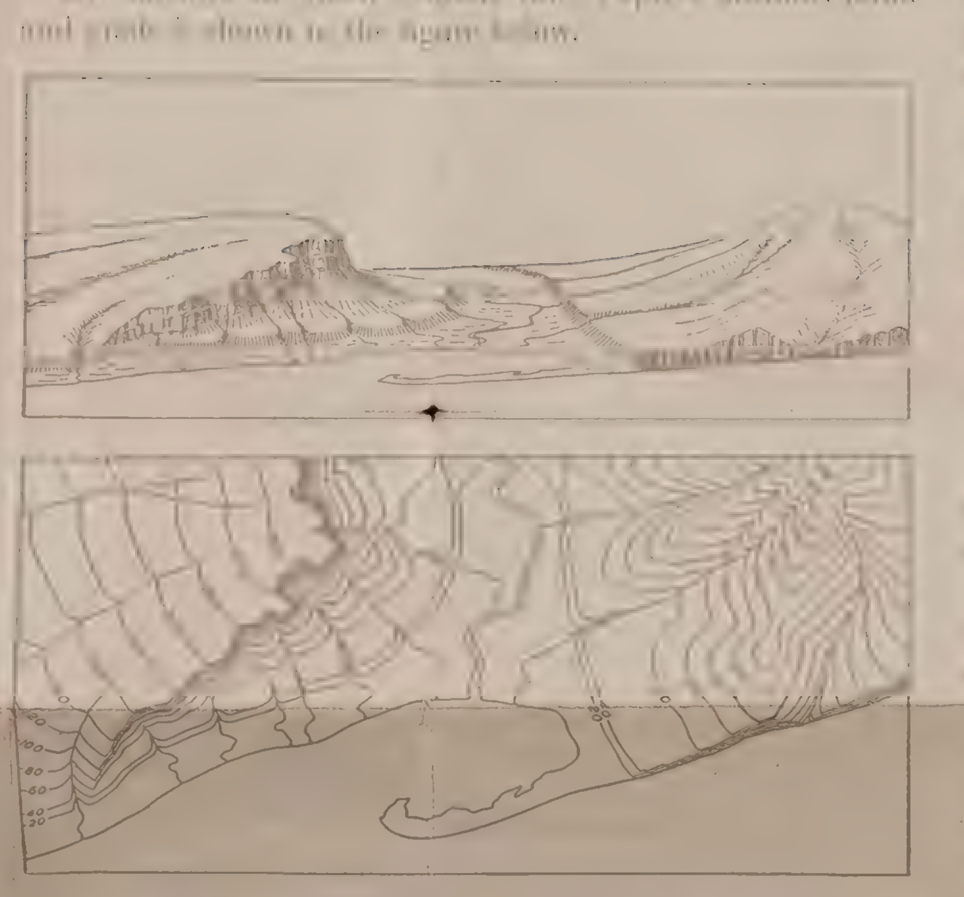
A survey of Porto Rico is now in progress. The scale of the published maps is $\frac{1}{30,000}$.

The features shown on topographic maps may be arranged in three groups—(1) water, including seas, lakes, rivers, canals, swamps, and other bodies of water; (2) relief, including mountains, hills, valleys, and other features of the land surface; (3) culture (works of man), such as towns, cities, roads, railroads, and boundaries. The symbols used to represent these features are shown and explained below. Variations appear on some earlier maps, and additional features are represented on some special maps.

All the water features are represented in blue, the smaller streams and canals by single blue lines and the larger streams by double lines. The larger streams, lakes, and the sea are accentuated by blue water lining or blue tint. Intermittent streams—those whose beds are dry for a large part of the year—are shown by lines of blue dots and dashes.

Relief is shown by contour lines in brown, which on a few maps are supplemented by shading showing the effect of light thrown from the northwest across the area represented, for the purpose of giving the appearance of relief and thus aiding in the interpretation of the contour lines. A contour line represents an imaginary line on the ground (a contour) every part of which is at the same altitude above sea level. Such a line could be drawn at any altitude, but in practice only the contours at certain regular intervals of altitude are shown. The datum or zero of altitude of the Geological Survey maps is mean sea level. The 20-foot contour would be the shore line if the sea should rise 20 feet above mean sea level. Contour lines show the shape of the hills, mountains, and valleys, as well as their altitude. Successive contour lines that are far apart on the map indicate a gentle slope, lines that are close together indicate a steep slope, and lines that run together indicate a cliff.

The manner in which contour lines express altitude, form, and grade is shown in the figure below.



The sketch represents a river valley that lies between two hills. In the foreground is the sea, with a bay that is partly enclosed by a hooked sand bar. On each side of the valley is a terrace into which small streams have cut narrow gullies. The hill on the right has a rounded summit and gently sloping spurs separated by ravines. The spurs are truncated at their lower ends by a sea cliff. The hill at the left terminates abruptly at the valley in a steep scarp, from which it slopes gradually away and forms an inclined tableland that is traversed by a few shallow gullies. On the map each of these features is represented, directly beneath its position in the sketch, by contour lines.

The contour interval, or the vertical distance in feet between one contour and the next, is stated at the bottom of each map. This interval differs according to the topography of the area mapped: in a flat country it may be as small as 1 foot; in a mountainous region it may be as great as 250 feet. In order that the contours may be read more easily certain contour lines, every fourth or fifth, are made heavier than the others and are accompanied by figures showing altitude. The heights of many points—such as road intersections, summits, surfaces of lakes, and bench marks—are also given on the map in figures, which show altitudes to the nearest foot only. More precise figures for the altitudes of bench marks are given in the Geological Survey's bulletins on spirit leveling. The geodetic coordinates of triangulation and transit traverse stations are also published in bulletins.

Lettering and the works of man are shown in black. Boundaries, such as those of a State, county, city, land grant, township, or reservation, are shown by continuous or broken lines of different kinds and weights. Public roads suitable for motor travel the greater part of the year are shown by solid double lines; poor public roads and private roads by dashed double lines; trails by dashed single lines. Additional public road classification if available is shown by red overprint.

Each quadrangle is designated by the name of a city, town, or prominent natural feature within it, and on the margins of the map are printed the names of adjoining quadrangles of which maps have been published. More than 4,000 quadrangles in the United States have been surveyed, and maps of them, similar to the one on the other side of this sheet, have been published.

Geologic maps of some of the areas shown on the topographic maps have been published in the form of folios. Each folio includes maps showing the topography, geology, underground structure, and mineral deposits of the area mapped, and several pages of descriptive text. The text explains the maps and describes the topographic and geologic features of the country and its mineral products. Two hundred twenty-five folios have been published.

Index maps of each State and of Alaska and Hawaii showing the areas covered by topographic maps and geologic folios published by the United States Geological Survey may be obtained free. Copies of the standard topographic maps may be obtained for 10 cents each; some special maps are sold at different prices. A discount of 40 percent is allowed on an order amounting to $5 or more at the retail price. The discount is allowed on an order for maps alone, either of one kind or in any assortment, or for maps together with geologic folios. The geologic folios are sold for 25 cents or more each, the price depending on the size of the folio. A circular describing the folios will be sent on request.

Applications for maps or folios should be accompanied by cash, draft, or money order (not postage stamps) and should be addressed to

THE DIRECTOR,
United States Geological Survey,
Washington, D. C.

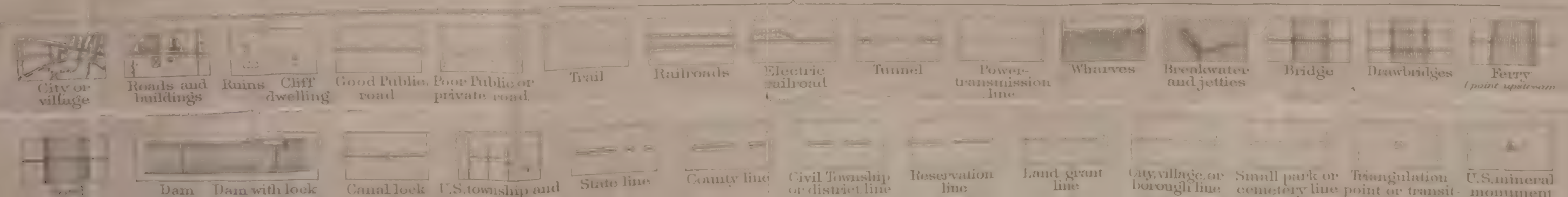
November 1937.

MAP showing Areas visited + localities mentioned in this notebook

"Journal" p. 34

STANDARD SYMBOLS

CULTURE
(printed in black)



THE TOPOGRAPHIC M

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Hotels, Resorts
Motor Lodges

TO AVOID DISAPPOINTMENT ON YOUR TRIP, IT IS
THAT YOU RESERVE ACCOMMODATIONS WHER

Rates quoted are for two persons. European Plan
stated, and are subject to change without notice.

Symbols:
A—American Plan
@—Air-conditioned

Alameda, Calif. Alt. 10 Po

Alameda is an important east-bay indus
ping center. The Alameda Airport is the ho
giant Pan-American Clipper ships.

HOTEL:

Alameda, Santa Clara & Bdw'y........ 60 R
60 A

Auburn, Calif Alt. 1,360 P

Auburn, county seat of Placer County, i
fornia's oldest towns. It was settled during
of the gold rush in 1849 and became he
thousands of mines, many of which are st
It is also the center of a fruit-producing are

HOTELS:

Auburn, 853 Lincoln Way............@ 62 R
Freeman .... 75 R

MOTOR LODGE:

Ivy Motel, on US 40.................... 17 C

Benicia, Calif. Alt. 35 Po

Benicia's strategic location, on Carquine
an excellent water frontage for vast indu
ment and its major industries include the
the million dollar Yuba dredges, shipbuil
canneries, packing plants, oil plants, mills
States Army Arsenal. Benicia housed the C
lature from 1853 to 1854 and lost the site of th
to Sacramento by one vote.

Berkeley, Calif. Alt. 100 Po

Home of the University of California, Be
the west slope of the Berkeley Hills but c
drive from San Francisco via the world-famo
While primarily a college town with appro
students enrolled at the University, Berke
California's most charming residential are
from the bayshore to the rolling green hills
district. From the spire-like campanile on th
may obtain an excellent view of San Franc
studded campus is considered one of the
in the United States.

HOTELS:

Claremont, Claremont & Ashby......... 300 Rm
Durant, Durant & Bowditch............. 160 Rm
Shattuck, 2204 Shattuck................ 300 Rm

MOTOR LODGE:

Berkeley Motel, Bancroft & Milvia....... 14 Ct

Burlingame, Calif. Alt. 30 P

Another lovely residential community on
cisco Peninsula. Ideally located between
Bay and the Sierra Morena, Burlingame enj
ful climate and boasts charming homes
estates.

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drainage and culture.

A topographic survey of Alaska has been in progress since 1898, and nearly 44 percent of its area has now been mapped. About 15 percent of the Territory has been covered by maps on a scale of [illegible] (1 inch = nearly [illegible] miles). For most of the remainder of the area surveyed the maps published are on a scale of [illegible] (1 inch = nearly 4 miles). For some areas of particular economic importance, covering about 4,300 square miles, the maps published are on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile) or larger. In addition to the area covered by topographic maps, about 11,300 square miles of southeastern Alaska has been covered by planimetric maps on scales of $\frac{1}{125,000}$ and $\frac{1}{250,000}$.

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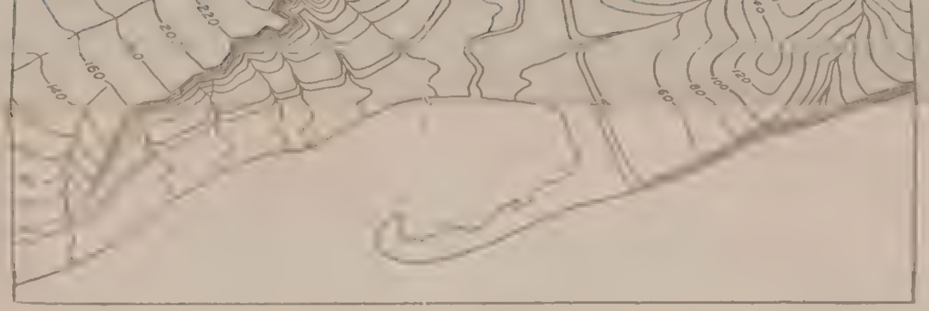

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for 10 cents each; some special maps are sold at different prices. A discount of 40 percent is allowed on an order amounting to $5 or more at the retail price. The discount is allowed on an order for maps alone, either of one kind or in any assortment, or for maps together with geologic folios. The geologic folios are sold for 25 cents or more each, the price depending on the size of the folio. A circular describing the folios will be sent on request.

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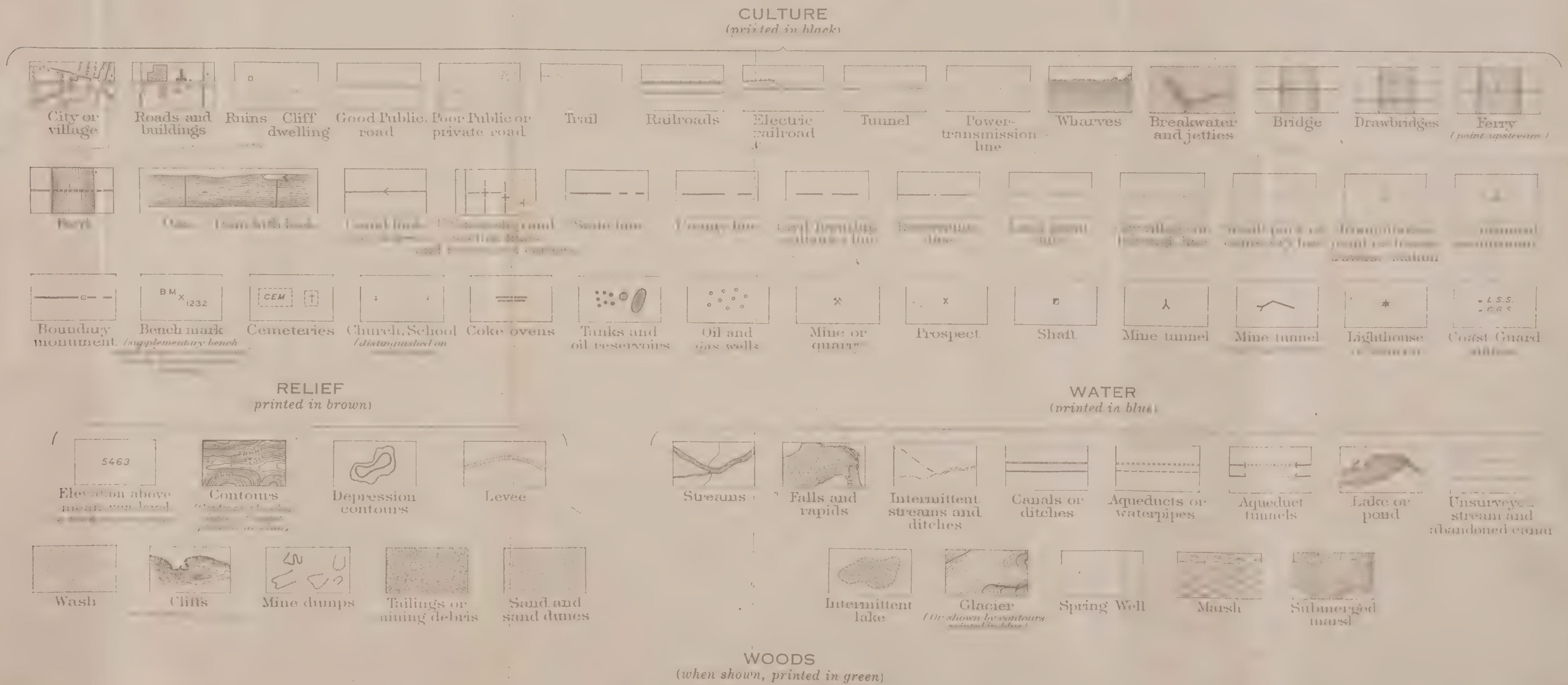


3,

Cogswell, H.L.
Species accounts

Cogswell
1950

Gavia immer

June 28 - 10:30 a.m. - Boca Reservoir, 5550 ft, Nevada Co., Calif. - 2 loons [presumed to be this sp.] both in white fore-necked plumage, were diving near each other at ½ to 5 min. intervals near the east shore of the reservoir, which is bordered by an open sagebrush flat. This is in Sec. 16, R 17E, T 18N, Mt. Diablo Base & meridian. There is no island in the lake & it seems unlikely that this species would breed there, altho lakes higher in the Sierra Nevada a few mi. to the W would be suitable.

July 24 - 1, in similar plumage, seen somewhat more toward middle of reservoir. It was turning on its side to preen.

Cogswell
1950

Colymbus caspicus

June 16 5350 ft, 1 mi. SW Emigrant Gap, Placer Co., Calif. - 1 adult on 1/4 x 1/5 mi. reservoir which is skimpily bored by sedges.

June 27 Little Washoe Lake, 5020 ft. Washoe Co., Nevada - 2+ pairs seen on this 30±-acre lake, which has abundant aquatic flora, scattered patches of tules, & presumably many small fish. Several miles of marshy land lie between this lake & Big Washoe, probably providing good nesting habitat, but we had no time to explore it.

July 12 about 70 adults on the N. end of the lake, many of them on or near the 30+ NESTS which were mostly floating in an area of *Polygonum amphibium* in 4 - 5 ft. deep water. The nests here were made of the same plant wound around in a small dome which barely protruded above the surface. A few nests in nearby *Scirpus* stand were made of that. All nests seen closely (6+) held eggs which the adults covered with wet *Polygonum* when leaving them ~~about~~ as I approached some 50 - 60 ft. away.

July 26. 50+ ads. est. on N. end of lake (which, however, was not visited this trip, so nests not checked).

Aug. 7 E side Boca Res., 5560 ft, Nevada Co., Calif. - 1 on large reservoir, diving occasionally. None here on prior visits.

Aug. 9 Little Washoe L. [see above] - about 50 ads & 20+ small young seen on weed-filled lake.

Aug. 23. Still numerous. Many downy young & ½ grown young.

Cogswell
1950

Aechmophorus occidentalis

June 22 - Boca Reservoir, 5560 ft. Nevada Co. Calif. - 4 seen in small bays along E. shore, near low marsh vegetation at one spot. 2 were together (= paired ?).

June 27 Little Washoe L., 5020 ft. Washoe Co. Nevada - 1 seen on open water of 30± acre lake, + another slipping thru tule and knotweed of shallow marshy arm of same lake (probably nesting nearby).

July 11 Boca Res., 5560 ft. Nevada Co., Calif. - 3 on open water near middle of large reservoir.

July 12 Little Washoe L. [see above] - 3+ seen. 2 of them engaged in a brief run along the surface together (courting activity ?)

July 24 Boca Res. [see above] - close flock of 9, diving frequently in deep water. This lake is well supplied (by stocking ?) with "whitefish".

July 26 Little Washoe L. [see above] - 5 on the lake now, altho water has receded markedly in a month

Aug. 7 Boca Res. [see above] - flock of 7

Aug. 9 Little Washoe L. [see above] - 2 (separate) seen.

Aug. 23 - One seen by Dorothy Groner. The lake is now reduced to a sliming mass of Potamogeton + Polygonum amphibium over most of the area. Lake now only about 15-20 acres in extent + is only 3 ft. deep about 1/3 the way across.

Cogswell
1950

Podilymbus podiceps

July 12- Little Washoe Lake, 5020 ft. Washoe Co., Nev.
2+ present. One of these ~~were~~ was seen chasing ~~an~~ the other across a stretch of open water by a stand of sparse *Scirpus* from which long "cow-cow-cow-cow" calls had just come. Later 2 different sets of such calls were heard at once.

Aug. 9 2 seen.

[These are the only ones recorded on 5 visits made to the lake this summer].

Cogswell
1950

Pelecanus erythrorhynchos

June 25 Sierra Valley, 4900 ft., Sierra & Plumas Co's, Calif. - During the latter ½ of the forenoon several flocks totalling over 100 individuals soared & flapped their way southward up the valley. They were all first noted entering the air above the valley from the NE (from Pyramid Lake nesting colony ?? - which is mi. away) and disappeared in the direction of Lake Tahoe. There were apparently good updrafts over the hot sagebrush areas of the valley which they used to gain altitude.

July 9 S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - 1 and 2 flew low over marshes S of lake.

July 19 Loomis, 410 ft., Placer Co., Calif. - flock of 24 circling at about 300 ft. altitude over blue oak covered low foothills about 11:30 a.m. They seemed to be moving gradually northward.

July 26 Little Washoe L., 5020 ft., Washoe Co., Nev. - 1 on water, taking off when group of people neared the lake on foot.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - 15 were sitting on sandy mud shore, but flew off across water (with many geese also present) when 3 of us came to within 300 yards of them.

Aug. 9 Little Washoe L. [see above] - 2 seen, flying into & away from lake.

Aug. 23 About 25 ~~[illegible]~~ were swimming along & scooping up something from water occasionally, the lake now being a shallow weed & animal-filled remnant. They flew away & up toward Tahoe when we approached.

Cogswell
1950

Phalacrocorax auritus

July 24 Boca Res., 5560 ft., Nevada Co., Calif. — 2 adults flying low across center of reservoir.

Aug. 5 Reno, 4500 ft., Washoe Co., Nev. — 1 flew westward over the business district of town (upstream along Truckee R. but high above buildings).

Aug. 7 Boca Res. [see above] — 1 adult & 1 immature-plumaged birds on the deep water.

Cogswell
1950

Ardea herodias

July 3 6680± ft. ½ mi. NW Palisade L., Placer Co., Calif (SE¼ Sec 29 R14E, T17N) — In early p.m. one flew northward across the spindly lodgepole pine forest of this glaciated plateau, which is dotted with small lakes & has several up to ⅓ mi. long.

July 26 Little Washoe Lake, 5020 ft. Washoe Co., Nev. — 6 birds, foraging along shallow water of shoreline & edges of dirt clods by deeper ditch. [none here on June 27th or July 12].

Aug. 9 only 1 bird here, late this a.m.

Aug. 23 4 present, foraging in middle of lake, which is now shallow enough (or weedy enough) for them to wade out that far.

Cogswell
1950

Casmerodius albus

June 25 - Sierra Valley, 4880± ft., Sierra Co., Calif. - 1+ seen flying over marshy pastureland in central part of valley.

Aug. 23 Little Washoe Lake, 5020 ft., Washoe Co., Nev. about 8 present, wading well out in the shallow, weed-filled lake now receded to about 15-20 acres in size. None were found here on 4 previous visits this summer. They are apparently post-breeding visitors. [In 1948 one was seen here in early July, & a few thru Aug.].

Cogswell
1950

Leucophoyx thula

June 25 Sierra Valley, 4880± ft., Sierra Co., Calif. - 2+ seen flying low over marshy pastureland in central part of valley.

Aug. 23 Little Washoe Co. 5020 ft. Washoe Co. Nev. - about 10 in 2 small groups (later all together) 1 among Am. Egrets in shallow- weed filled central part of pond, + other along mud clods by ditch dredged out in 1948. These, the first seen here this year, are much later than the first post-breeding visitants in 1948 (July 9 + 29)

Cogswell
1950

Nycticorax nycticorax

June 25. Sierra Valley Ranch, 4880± ft., $\overset{\text{1 mi. W}}{\text{7 mi. N}}$ Sierraville, Sierra Co., Calif.
2 ads (+ later 3, possibly different birds) seen flying from a small tall cat-tail pond + over marshy pastureland.

Cogswell
1950

Botaurus lentiginosus

July 9 - S. end Lake Tahoe E. of Camp Richardson, 6230 ft., Eldorado Co., Calif. - 5 or 6 flushed from borders of extensive tall *Scirpus* marshes in a 1 hr. walk along same.

Cogswell
1950

Branta canadensis
(presumably all moffitti)

July 26 - Reno, 4500 ft., Washoe Co., Nev. - 8 in Idlewild Park (some questionably fully wild birds) in W. end of town — a park fully developed for city recreation, & with pond fowl of the usual semi-domestic mallards, white Pekins, Muscovies, etc.

Also: in residential area 2/3 mi. S of center of town, a flock of 9 flew over headed northward (roughly toward the park).

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - about 150 which were standing on the sandy-mud of the lake shore (with some Pelicans & ducks). All these flew when we (3) approached within 300 yards of them. On dry flat grassland about 1 mi. NW of the lake another flock of 120-130 were seen — these flying to the lake also. Another 20-30, in small groups, were flushed from nearby marshes, now dry except for a few pools.

Aug. 9 - Reno, 4500 ft., Washoe Co., Nev. - a few on Idlewild Park pond (wild?)

- Little Washoe Lake, 5020 ft., Washoe Co., Nev. - 19 on water & on far shore, most of them not flying until long after the ducks were thoroly disturbed.

Aug. 23 - Reno, 4500 ft., Washoe Co., Nev. - About 40 present this a.m., most of them flying in (low from S over lawns & onto lake) honking as they came. They promptly swam up to receive food (almost from the hand) from a park visitor.

Cogswell
1950

Anas platyrhynchos

June 20 · Lake Van Norden, 6770 ft., Placer & Nevada Co., Calif. - a pair alighted on east end (near inlet) of this P.G. & E. reservoir during mid. a.m., & were seen near a pine-covered island there in p.m. Mr. Gordon Hooley, a resident in the area, says that the species nests in some years on the island. He and his wife also both reported to me that 2 and 3 mallards were on land for several days at a tiny spot of open water near the E. end of the lake in May 1950, when snow was otherwise still covering all the ground nearby as well as the ice-covered lake.

June 22 Boca Reservoir, 5550 ft., Nevada Co., Calif. - 2 lone females flew from shallow bay bordered by short sedges & grasses.

June 27 Little Washoe Lake, 5020 ft., Washoe Co., Nevada - an estimated 20 individuals on this 30+ acre lake in sagebrush + grass valley area. One distant ♀ (possibly Gadwall) with brood of 6 downy young on the water. No occupied nests were found in marshy S. arm of lake by Wilbur Twining who waded waist deep to get to same area of tules which were in water only knee deep in early July 1948. No "greenheads" among those seen today.

June 28 Boca Res., 5550 ft., Nevada Co., Calif. - 1 ♀ in same portion as on 6/22.

July 9 S. end Lake Tahoe, E Camp Richardson, 6230 ft., Eldorado Co., Calif. - About 10 females, all well spaced, were flushed up by 3 of us walking for 1+ mile along the borders of the extensive tall tule marshes & adjoining wet grassland. Some put on a fair diversionary display. No males were seen.

July 12 Little Washoe L. [see above] - "number present among other ducks - very wary.

Anas platyrhynchos

July 16 - L. Van Norden, 6770 ft., Placer Co., Calif. - 1 ♂ flew up from SE end (near conifer forest) - the shallower end

July 19 3 ♀♀-plumaged birds swam close together along this same shore.

July 26 Little Washoe L., 5020 ft., Washoe Co., Nev. - about 200 adults (mostly in ♀ or eclipse? plumage) on lake & marshy arm at S. end. The latter held many downy young of various sizes (none well feathered yet), and ♀♀ attached to them put on extensive wing-flopping displays.

Aug. 1 L. Van Norden [see above] - 1 ♀ accompanied by 9 three-quarters sized young which could not get into the air when they tried to fly. The early date at which this brood must have hatched (cf. much later ones at lower elev. on July 26) may be the result of early arrival of breeding pairs here (see June 20)

Aug. 3+5 - Apparently the same ♀, now with only 8 young. They feed regularly along the N shore where low sedge & other herb-covered flats are being exposed or brought into shallows by gradual draining of the lake.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - About 30 in several small groups by drying marshes & on open lake shore.

Aug. 7 Boca Res., 5560 ft., Nevada Co., Calif. - 9 in ♀ plumage swimming in a close, lined-up group (= family of grown young?) on E. side.

Aug. 9 Little Washoe L. [see above] - 400 est., all in dull plumage.

Aug. 13,15 - Lake Van Norden [see above] - same (?) flock of 9 + 2 others

Cogswell
1950

Anas platyrhynchos

Aug. 17 L. Van Norden, 6740 ft., Placer + Nevada Co., Calif. - Flock of 21, all in dull plumage, feeding in shallow water over sedgy bottom along N shore.

- Little Truckee R. valley, 5800 ft, 3 mi. E, 5+ mi. N Hobart mills, Sierra Co., Calif. - 2 females flushed from tall, bunchy grasses near winding stream. There is little or no "marsh" left here now, altho the 200-300 acre grassy, part of the valley was obviously quite wet earlier in the season.

Aug. 21 Prosser Cr., 5650 ft, 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. 1 immature (proper speculum, but small) was flying downstream accompanied by a ♀ Pintail !! The region is similar to the last —— dry grass near stream.

Aug. 23 - Little Washoe L., 5030 ft., Washoe Co., Nev. - 300 est. on the weed-filled lake, now not over half the size it was in June. Some broods of young still following ♀, but all large enough to fly, or at least spatter over the surface.

Cogswell
1950

Anas strepera

June 27 Little Washoe Lake, 5020 ft., Washoe Co., Nevada — an estimated 20^+ on this 30^+ acre lake & adjacent marshy south arm. Some flew in obvious pairs (2^+ males seen), others were in small flocks, apparently all ♀♀.

July 26 At least 2, perhaps many more, among the flock of several hundred ducks — all so wary that they flew before we could get close.

Aug. 9 at least 1.

Aug. 23 Now that the lake is so shallow & receded to half-size, I could wade out close enough to the ducks to get a more careful estimate. An estimated 100 Gadwalls were mixed in the 800^+ ducks here today. None were in the gray plumage of the breeding ♂; several were seen flopping across the water but they were unable to take off (= eclipse molt?). Some of the several broods of partly grown young on the lake may have belonged to some of the ♀ Gadwalls seen.

I think this number of birds may represent some influx from marshes S of the lake (now dried up); but there have undoubtedly been many Gadwalls present here all summer, altho not identified on each visit because of their wariness when our group of 25-35 persons approached.

Cogswell
1950

Anas acuta

June 25 - Sierra Valley Ranch, 4880± ft., 1 mi. W 7 mi. N Sierraville, Sierra Co., Calif. - A ♀ flew from a NEST containing 8 eggs, and with only a weak diversionary display disappeared into marshy pastureland. The nest is situated on a dry grassy "island" of about 2 acres extent, with marshland of sedges and grasses all about. There is a ½ acre fenced area on the highest part of the island, the nest being just within the barbed wire fence. The nest was photographed (my neg. # 50-4-7)

June 27 Little Washoe Lake, 3020 ft., Washoe Co., Nev. - 3+ seen in flight (^{3}several times) over marshy S arm of this 30+ acre lake.

July 26 about 20 seen in same area.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - about 50 (commonest duck) in drying marshes, ~~about~~ on the two small pools & in open on lake shore.

Aug. 7 Boca Res., 5560 ft., Nevada Co., Calif. - 1 ♀ on small, shallow bay near small grassy swale.

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - about 50 present now, all able to fly well, all in dull plumage. Many of them are apparently immigrants from breeding grounds elsewhere.

Aug. 21 Prosser Cr., 5650 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. 1 ♀ flying downstream over narrow valley of dry grassland along winding, gravelly stream.

Aug. 23 Little Washoe L., 5020 ft., Washoe Co., Nev. - numbers still going up, altho lake is receded greatly, now being weed-filled all the way across. Est. 150 (all in dull plumage) seen today.

Cogswell
1950

Anas cyanoptera

June 25 Sierra Valley, 4880-4950 ft., Sierra Co., Calif. - about 8-10 flushed in groups of 2 & 3 as we walked across wet pastureland.

June 27 Little Washoe Lake, 5020 ft., Washoe Co., Nev. - about 30 seen, ♂♂ & ♀♀ flocking together, in escape flight at least. The most numerous of the dabblers here today.

July 12 About 10 in one small flock of larger ducks which stayed on S shore while we were on N shore. There may have been many more present among many ducks which flew away.

July 26 about 40 seen in marshy S end of lake, at least 2 ♀♀ putting on extended diversionary displays when I waded among the many young ducks [some Mallards, some Teal].

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - Group of 3 (1 recognizable as ♂, altho not in full, bright plumage) flying over drying marshes just NW of the lake.

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - about 70 present now, everywhere on the lake except the S. arm which is practically dry now.

Aug. 23 200 ± present now, altho the lake is still smaller & completely weed-filled (*Potamogeton*, *Polygonum amphibium*, etc.). The increase in nos. must be due partly to influx.

Cogswell
1950

Mareca americana

July 26 Little Washoe L., 5020 ft. Washoe Co., Nev. - 5, flying close together, seen well among the several hundred ducks present. There were two ♂♂ & 3♀♀ plumaged birds. They settled into marshes at S end of lake.

I thought I glimpsed some of this sp. among ducks here on June 27 but was not sure of them. These 5 I am; they are perhaps best considered as stragglers until evidence of breeding is uncovered.

Cogswell
1950

Aythya collaris

June 27 Little Washoe Lake, 5020 ft., Washoe Co., Nev. - at least 2 pairs were on the open part of this 30^+ acre lake when we arrived on shore with 4 autos. They flew off to the marshy S arm along with the many Redheads.

[none seen here on 4 subsequent visits during summer; hence, above were probably stragglers].

Cogswell
1950

Aythya americana

June 27 Little Washoe Lake, 5020 ft., Washoe Co. ~~Calif.~~ Nev. – Over 100 present, far more than the few we saw here at this same time of year in 1948. The lake is a foot or two higher than then. The 20± which were on the open part of the lake flew as soon as we stopped our 4 cars on shore; & the 80± which were in the closer part of the marshy S arm of the lake all flew when we (group of 20 people) appeared on that shore some 500 ft. from them. Both sexes were mixed & numerous, but I did not have time to check ratio.

July 12 – none ~~seen~~ identified today; but we visited only the N-end of the lake & most of the ducks were in marshy S arm.

July 26 about 150 est.; all flying en-masse from lake as we came out on peninsula between it & marshy S arm.

Aug. 23 about 70 seen on the lake (S arm is now almost all dry) which is now weed-filled & not over 6 to 8 feet deep in deepest parts. Many adults (all dull plumage) were apparently incapable of flight, altho with primaries quite well developed. Other ♀♀ were very demonstrative when I neared their broods of 1/3 to 1/2 grown young, but were able to take off after I chased them.

Cogswell
1950

Aythya affinis

June 27 - Little Washoe Lake, 5020 ft., Washoe Co., Nev. - at least 2 ♂♂ were on open part of 30+ acre lake & did not fly with other diving ducks when we got out of our cars. Perhaps they are wounded or sub-standard individuals. A few brown ducks far off across the lake may have been ♀ Scaups. Latest record for this species here in 1948 was June 16, when 2 were seen.

Cogswell
1950

Oxyura jamaicensis

June 27 - Little Washoe Lake, 5020 ft. Washoe Co., Nev. - about 15 seen, both on the open water & marshy portions of this 30-40 acre lake. Several groups of 2 ♂♂ & 1 ♀ were noted in flight, the ♂♂ all being in bright plumage.

July 12 - none seen [only 1 end of lake visited].

July 26 at least 2 ♂♂ & several ♀♀ seen.

Aug. 9 8 ♂♂, 5+ ♀♀ seen, some in flight.

Aug. 23 about 10 seen, all in dull plumage (but possibly some dull ♂♂ among the more distant ones). The lake is now quite low & very much choked with weeds. In 1948 this sp. disappeared when the water receded this much; but I am not sure whether they nested here in either year.

Cogswell
1950

Cathartes aura

1

June 25 - Sierra Valley, 4900 ft., Sierra & Plumas Cos., Calif. - 5 seen at various points over sagebrush, wet pastureland, & open Jeffrey Pine forest.

June 27. Reno to Little Washoe Lake, 5000+ ft., Washoe Co., Nev. - 4 seen over moist grassland (farms) and sagebrush slopes.

July 12 Geiger Grade, 5500 ft. SE Steamboat Sprgs., Washoe Co., Nev. 1 cruising over pinyon-juniper woodland in mid-a.m.

July 19 U.S. Route 40 enroute to Sacramento, Calif - Several seen at various points below 3500 ft. alt. over forest, brush (& perched in dead trees), & grassland.

July 26 - Geiger Grade [see above] - 1 over

Little Washoe Lake, 5020 ft., Washoe Co., Nev. - 1 flying over sagebrush slopes and marshlands.

July 27 Little Truckee R., 5800 ft., 3 mi. E, 5 mi. N Hobart Mills, Sierra Co., Calif. - Flock of 6 flying in close circles & peeling off from top of updraft as tho migrating (SW'ward).

Aug. 5 5900 ft., 4 mi. NE Hobart Mills, Sierra Co., Calif. - 1 flying over arid Jeffrey pine forest and sagebrush.

near Verdi, 4900 ft., Washoe Co., Nev. - 1 high over grassy valley of Truckee River.

Aug. 6 W. side Carson Valley, 4700 ft., Douglas Co., Nev. 3 over sagebrush & grassland (pastured).

Washoe Valley, 5000+ ft., Washoe Co., Nev. - about 10 over dead or on ground (2) by drying marshes.

Aug. 9 1 over Little Washoe Lake [see July 26].

Cogswell
1950

Cathartes aura

Aug. 21 Prosser Cr., 5700 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - 1 over sagebrush slope with few scattered pines.

Aug. 23 - 4580 ft., 1¼ mi. N Steamboat Sprgs., Washoe Co., Nev. 6 were perched low in row of cottonwoods along a ditch by dry grassy field — apparently gathered by a carcass. One flew up from the ground nearby & 1 was flying over sagebrush slope of base of Geiger Grade a few mi. SE of here.

Little Washoe Lake, 5020 ft., Washoe Co., Nev. about 5 soaring over valley, which now has extensive marshes in a very dry condition.

Summary:

The observations above indicate a greater restriction of nos. to desert-type of vegetation than we found to be the case in 1948. Foraging birds were seen over dense forests of both Lake Tahoe & Donner Pass areas in summer of that year.

Cogswell
1950

Accipiter gentilis
(?)

Aug. 17 Sugar Bowl Lodge, 6900 ft. 1.2 mi. SSW Donner Pass, Placer Co., Calif. — A large accipiter in brown plumage flew over the open ski slopes & into forest SE of lodge. Altho not seen close enough to tell by plumage or direct size judgment, my impression was that it was well big enough for this species. In 1948 we observed them regularly here, & in 1949 messrs. Geo. Treichel and Maurice Richter found a pair nesting near L. Van Norden about 2 mi. W. of here. No cooperi have been encountered by any ~~of~~ one on our Audubon camp trips in 1948 above 5800 ft. (American River Canyon, N. Fork).

Aug. 26 A similarly plumaged bird was seen 3 times as it flew out across the ski slope near lower lift mechanism, returning each time to detached clump of 60-70 ft. high pines & firs just NE of it. This is the area where many sparrows & finches have been feeding lately. A great exodus of finches from there to across by the lodge 600$^+$ ft away was probably caused by a movement of the hawk. We saw it catch nothing. It eventually flew very low across the slope & in under the dense firs on steeper N facing slope to SW.

Cogswell
1950

Accipiter striatus

Aug. 10 "Crow's Nest" peak, 7900 ft., 2 mi. SW Donner Pass, Placer Co. Calif. - In early p.m. 1 flew from its perch on the outer limb of a scraggly fir + circled round the rocky peak, then soared out on breeze blowing up over the cliffs S of the peak, disappearing eventually on beyond them over the valley of Onion Cr.

Aug. 14 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass. 1 flew along edge of red fir - silver pine forest, It was in gray faded plumage of adult.

Aug. 16 1 circling high over Disney Mtn. (just E of "Crow's Nest") together with 2 sparrow hawks which made a fine size criterion at this extreme range of ½ mile. I was using 9x binoculars to watch the 3 hawks "play" in the breeze which was apparently quite suitable for easy buoyant flight

Cogswell
1950

Buteo jamaicensis

June 24 - Sugar Bowl Lodge, 7000 ft; 1.2 mi. SSW Donner Pass, Placer Co. Calif. In early p.m. an adult flew low over the cleared ski slopes on N & NE face of Disney Peak in front of lodge, which are now mostly free of snow.

June 27 - Geiger Grade, 5200± ft; 2 mi. E Steamboat Springs, Washoe Co. Nev. An adult soared round & round over piñon-juniper woodland on W. face of the foothills of Washoe Mts.

June 29 Ice Lakes, 6900 ft; 2 mi. S Soda Springs, Placer Co. Calif. - 1 flying northward over lodgepole pine - red fir forest near lakes & meadow

July 11 Sugar Bowl Lodge [see above] - 1 adult soaring over ski slopes bordered by patches of red fir - silver pine - lodgepole pine forest.

July 12 8600 ft., 3/4 mi. E, 2 mi. S Mt. Rose, Carson Range, Washoe Co., Nev. - 1 adult flew from a tree top bordering a small wet meadow of a Galena Cr. tributary.

July 18 L. Van Norden, 6770 ft., Placer & Nevada Cos., Calif. - 1 adult circled high over broad meadow E of lake & went on N.

July 19 U.S. Route 40, Emigrant Gap to Auburn, Placer Co. Calif. 3 seen during late a.m. from car — apparently it is commoner at these lower elevations (Transition zone) than in Donner Pass region higher up.

[July 23] - Freel Peak, 10,900 ft., Eldorado & Alpine Cos., Calif. - 1 ad. was seen circling over the peak, above timber line, by others with me [Geo. Treichel, John Hurolle, etc.]

July 27 Little Truckee R., 5800 ft. 3 mi. E, 5 mi. N Hobart Mills, Sierra Co. Calif. — 1 circling over sagebrush & grass & willows of river valley between forested slopes.

Cogswell
1950

Buteo jamaicensis

Aug. 4 Bear Valley, 4580 ft., Placer + Nevada Cos., Calif. - at least 2 immatures flying in short, circling jaunts from tall trees just S of valley, which is a broad grassy valley. I think it likely these are this year's fledglings, as they were doing a lot of screaming.

Aug. 5 S. side Dog Valley, 6000 ft., eastern Sierra Co., Calif. - 1 ad. + 1 imm. flying together low over a chaparral-covered slope just above an irrigated pasture.

Aug. 6 Washoe Valley, 5000+ ft., Washoe Co., Nev. - 2 seen - in flight.

Aug. 9 Tahoe Meadows, 8800 ft., 2½ mi. S, 1 mi. E Mt. Rose, Carson Range, Nev. - 2 immatures flying over wet meadow bordered by lodgepole + silver pines.

Aug. 10 S. side Donner L., 6000 ft., Nevada Co., Calif. - 2 adults, apparently a pair, flew from steep forested slope out over lake.

Aug. 17 Little Truckee R., 5800 ft. [see p. 1] - 2 seen, soaring separately.

Aug. 21 Prosser Cr., 5700 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - 1 ad., 1 imm. seen over similar arid valley. Both of these last 2 localities are Swainson's Hawk breeding areas.

Aug. 23 6700 ft., 3½ mi. E Mt. Rose, Carson Range, Nev. - 1 adult over arid Jeffrey pine forest on steep E. slope.

- Tahoe Meadows [see above] - 1 imm. seen

Buteo swainsonii

June 17 - ~~[illegible]~~ Donner Peak, 8000+ ft, Placer Co., Calif. - 1 seen soaring high over rocky crest of the Sierra here, just N of open, smooth-topped Mt. Judah (a likely foraging area now bare of snow).

June 22 5650 ft., 2 mi. N Boca, Nevada Co., Calif. - Just before and after sundown one flew low over the open Jeffrey Pine forest (which has low sagebrush in all interstices) and returned to perch repeatedly in the tops of one of 3 tall pines overlooking the head of Boca Reservoir. On each flight it was harassed by Brewer's Blackbirds ~~and~~/or a Sparrow Hawk, the latter also performing several 100+ ft. power dives at the large hawk while it was perched. A 15 minute search revealed no nest.

June 25. N. side Sierra Valley, 4880 ft., Sierra Co., Calif. - a pair, both in light phase, soared over sagebrush & wet pastureland of the open valley. 2 others were seen at separate points along Route 89 S. of Sierraville also.

July 9 Martis Val., 5850 ft., Placer Co., 3 mi. E, 1 2/3 mi. S Truckee, Calif. - 2 flying low over broad sagebrush valley where there was a pair present all summer in 1948.

July 12 6800 ft., 3½ mi. E Mt. Rose, Carson Range, Nev. - 1 flying low over open Jeffrey pine forest at base of steep E slope.

July 23 Martis Val., [see above] - 2, both in light phase.

July 26 1 light phased individual perched on a 2 ft. high sagebrush.

- Geiger Grade, 5500 ft. 2 mi. ~~[illegible]~~ E Steamboat Springs, Washoe Co., Nev. 1 soaring over sparse pinyon-juniper woodland.

July 27 Prosser Cr., 5700 ft. ~~2 mi. E.~~ 1 1/3 mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - 1 flying over sagebrush & grassland between arid forested slopes.

Cogswell
1950

Buteo swainsonii

Aug. 5 Stampede Val., 5900 ft., S.E. Sierra Co., Calif. - 1 (light phase) standing on ground at crest of slight knoll in rolling sagebrush flat with numerous grassy swales (still wet, in part) and boulders here & there.

Aug. 9 Martis Val. [see p. 1] – 1 seen.

Aug. 17 E. end L. Van Norden, 6800 ft., Placer Co., Calif - 1 (light phase) flew over broad meadow where one used to be found regularly in summer of 1948. There are lots of Belding's Gd. Squirrels, Gophers, & Mice here.

- Little Truckee R. val. near Stampede Val. [see above] 1 soaring over sagebrush & grassy swales between and Jeffrey pine forested slopes.

Cogswell
1950

Aquila chrysaëtos

July 11 E. of Boca Res., 5600 ft., Nevada Co., Calif. - 1 sailed low over dead pines of a 1^+ year old burned-over slope in arid Jeffrey pine forest.

Aug. 26 "Sugar Bowl," 7100 ft., 1.4 mi. SSW Donner Pass, Placer Co., Calif. - 1 immature-plumaged individual soared over red fir-lodgepole pine-silver pine forest & cleared ski slopes, finally disappearing on over rocky ridge of divide between this N. drainage & S. slope of Am. River drainage.

[The above 2 being only ones noted by me during the summer indicates possible lower numbers than in summer of 1948, when I saw (1^+) several at frequent intervals thruout a similar period in this same region].

Cogswell
1950

Circus cyaneus

June 25. Sierra Valley Ranch, 1 mi. W 7 mi. N Sierraville, Sierra Co., Calif. - 1 in ♀ plumage flying at 50 ft., then down to 10 ft., over wet & marsh land of central part of open valley.

July 26 Little Washoe Lake, 5030 ft., Washoe Co., Nev. - 1 in ♀ plumage beating over marshes S of lake at noon.

Aug. 6 W. side Carson Valley near Genoa, Douglas Co., Nev. - 1

- Washoe Valley, N of Washoe L., 5000+ ft., Nev. - 3 seen

Aug. 7 E side Boca Res., 5560 ft., Nevada Co., Calif. - 1 ♀ flying low over a small grassy swale & adjacent sagebrush flats.

Aug. 9 Little Washoe L. [see above] - 1 over.

Aug. 21 Prosser Cr., 5700 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. 2 (both dark plumage) flying over, 1 low over the grassy valley, the other "travelling" fairly fast across sagebrush & past scattered pines, headed SSW.

Aug. 23 8800 ft., 2½ mi. S, ½ mi. E Mt. Rose, Carson Range Washoe Co., Nev. - 1, in very bedraggled plumage, was riding the stiff breeze over brush-covered slope just S of the Mt. Rose - Slide Mtn. ridge. Occurrence at this altitude must indicate definite migration under way, at least altitudinally.

Cogswell
1950

Falco peregrinus

July 1 - Lake Van Norden, 6800 ft., Placer Co. Calif. - about 20 min. before sunset an adult flew leisurely eastward toward & out across the lake, which is surrounded by red fir and/or lodgepole pine forest, with an open meadow at one end. The bird's large size, pointed wings, & slate blue back leave no doubt as to its identity.

July 21 Bear Valley, 4570 ft., Placer-Nevada Cos., Calif. - 1 in adult plumage was found perched near the top of a tall dead tree along the "river", here a creek at the bottom of a 10 ft. gully thru the middle of a broad grassy valley with scattered clumps of black oaks and a few pines. A Robin was scolding it from a range of 20± ft. Upon approach of one observer (Geo. Treichel) to about 300 ft. the hawk flew and passed almost over him & on past a number of us watching — going out of site "up valley" to the east.

Cogswell
1950

Falco sparverius

1

June 22 E. side Boca Reservoir, 5600± ft. Nevada Co., Calif. — 3 seen, 2 of them over open sagebrush flats & 1 over Jeffrey pine forest, chasing a Swainson's Hawk (see acct. of that sp.)

June 25- Sierraville & vicinity, Sierra Co.; Beckwith, Plumas Co., Calif.; and S of Reno, Washoe Co., Nev. — 1 to 3, seen along roads, in farmland areas in each locality. 2 also in latter locality on June 27.

June 28- 5770 ft. 2 mi. W Boca Res., Nevada Co., Calif. — A ♂ flew from Jeffrey pines (open forest) bordering a mile-long sagebrush & grassland valley.

June 30 Soda Springs, 6800 ft., Nevada Co., Calif. — 1 flew low thru open lodgepole - Jeffrey Pine forest near Lake Van Norden — hotly pursued by 3 Brewer's Blackbirds.

July 6 near ~~3~~ Norden R.R. Sta. 6800 ft., Placer Co., Calif. — A ♂ was found with a badly broken wing, lying on its back under the many-wired telephone lines and being beset by about 20 Brewer's Blackbirds. They made short thrusts from nearby stances on the ground, or hovered over the crippled hawk. Their calls were raucous & the reason I went over to investigate. I retrieved the hawk & turned it over to Byron Davis at the Audubon Camp who kept it alive about 10 days; but gangrene developed in the wound & he despatched it.

I think the hawk may have been fleeing from the blackbirds when it hit the wires.

July 8 "Signal Hill", 7500 ft. 3/4 mi. WNW Donner Pass, Nevada Co., Calif. 3 cavorting together on breeze over open herb-covered slope.

Cogswell
1950

Falco sparverius

July 10 E. side Boca Res. [see p. 1] – 1 seen.

July 12 Steamboat Springs, 4600 ft., Washoe Co., Nev. – 1 seen flying over dry (alkaline) grassy flat below hot springs.

July 19 near Norden R.R. Sta. [see p. 1] – 1 pair together soaring in circles over broad ~~grassy~~ sedge & grass meadow.

July 23 Freel Peak, 10,900 ft., Carson Range, Eldorado & Alpine Cos., Calif. – 1 flew over, "playing" up & around this above timber line peak on the brisk SW wind.

July 24 E. side Boca Res. [see p. 1] – 2 seen. (1 here on Aug. 7)

July 26, Aug. 9 } 5800 ft., 3 mi. E, 1½ mi. N Truckee, Nevada Co., Calif. – 1 seen in & over scattered, half-burned pines on a low grass & sagebrush-covered slope.

July 26 – Geiger Lookout, 5540 ft., 2 mi. E Steamboat Sprgs., Washoe Co., Nev. – 1 ♂ flew over, coasting rapidly downslope across pinyons & junipers toward sagebrush valley.

July 27 Prosser Cr., 5650 ft., 2 mi. E, 1½ mi. S Hobart Mills, Nevada Co., Calif. – 1 pair over narrow grassy valley along stream between sagebrush & arid Jeffrey pine forest.

– Little Truckee R., 5800 ft., 3 mi. E, 5 mi. N Hobart Mills, Sierra Co., Calif. – 2 in bigger, but similar valley.

Aug. 2 "Sugar Bowl", 7300 ft., 1½ mi. SSW Donner Pass, Placer Co., Calif. A pair in flight over semi-barren slopes above forest.

Aug. 5 Stampede Valley, 5900 ft., S.E. Sierra Co., Calif. – 2 over open grassland & sagebrush, using rocks & fenceposts as perches.

Aug. 6 Carson Valley, Douglas & Ormsby Cos., Nev. – fairly common, 6 – 7 being seen in 2½ hrs. auto travel.

Washoe Valley, E & NE of Washoe L., Nev. – about 5 over or in open sagebrush – antelope brush.

Falco sparverius

Aug. 15 E. end Lake Van Norden, 6780 ft., Placer Co., Calif. - 1 flew over large meadow at considerable height & perched in top of tall pine in dense forest just SE of lake.

Aug. 16 "Disney Mtn." 8000 ft., 1 3/4 mi. SSW Donner Pass, Placer Co., Calif. - 2 circling on breeze high over this ridge, which is open on S side, & partly cleared on N. They were accompanied by 1 Sharp-shinned Hawk (q.v.).

Aug. 17 Stampede Val. & nearby Little Truckee R., Sierra Co., Calif. [see p. 2] - 3 seen in 1½ hrs. spent on foot in open country.

Aug. 21 Prosser Cr., 5650 ft. [see p. 2] - 2 seen

Aug. 23 Truckee to Reno via US Route 40, Calif. & Nev. - about 5 seen from car as I drove — this is a definitely greater no. than on any of our previous 5 trips down this road this summer.

- Little Washoe Lake, 5020 ft., Washoe Co., Nev. - 1 foraging out over flats exposed by receding lake from the few cottonwood trees nearby.

Cogswell
1950

Dendragapus obscurus

[---] around dates = records of other observers.

[July 6] - 7100 ft. 1½ mi. SW Donner Pass, Placer Co. Calif - William Kirsher of Sacramento said that big "Shaggy Dog", who accompanies hikers regularly near Sugar Bowl Lodge, flushed one (appar. a ♀) from herb slope into dense alder thicket in the draw between Disney + Crow's Nest peaks. I went with Bill there about 2 hrs. later but did not find it.

[July 23] 9000 ft. 1¼ mi. NW Job's Sister, Carson Range, Eldorado Co. Calif. - 2 were flushed by Denis Cogswell + Tommy Harville in open fir + pine forest near upper limit of former + a few hundred feet (or yards?) above a willow + alder dotted meadow.

[Aug. 3] - 7800 ± ft. ⅔ - 1½ mi. SE Mt. Lincoln, Sierran Crest, Placer Co., Calif - 2 ♀ seen with families of ½ grown young, by Bessie Cogswell, Geo. Treichel + others.

[Aug. 4] S. side Donner L., 6000 ft. Nevada Co. Calif. - ♀ and 4 young seen well by Dr. Margery Anthony and her plants class - the birds were in moderately dense conifer forest near an extensive seepage of water above the lake.

Aug. 20 7100 ft. on road to Robertson Flat, in Sec. 32, T16N, R14E, Placer Co., Calif - 1 ♀ with a ⅔ grown young were stalking along edge of road by scattered Ceanothus cordulatus in open area of (now dry) fir + pine forest. They allowed approach to about 6 ft., then flew into trees.

Aug. 23 Mt. Rose Rd., 6500 ft. E. base Carson Range, Washoe Co., Nev. 1 imm., about ¾ grown walking along paved road, from which I flushed it into nearby Jeffrey pines,

Cogswell
1950

Lophortyx californica

June 27 - 6000± ft., 4 3/4 mi. W Steamboat Sprgs., Washoe Co., Nev. - 1 flew from roadside as our car approached border of arid Jeffrey Pine forest. It settled into sagebrush down slope & away from the pines.

Aug. 6 5000 ft., NNW Carson City, on ~~Doug~~ Ormsby & Washoe Co. line, Nev. 1 ♂ standing on large rock by the side of the highway in an area of low, very dry sagebrush.

[altho these are the only ones I saw on any of our trips this summer, other people saw a few in other spots of the same region in western Nevada]

Cogswell
1950

Oreortyx picta

May 18 - Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass, Placer Co., Calif. 1 pair reported seen on this date by Mrs. Gordon Hopley (a resident here) who says they were walking on the deep snow near protruding ~~[illegible]~~ stones.

June 17 - Yuba ~~[illegible]~~ Pass 5800 ft., on Highway US 40, Nev.-Placer Co. line, Calif. - 1 heard singing from border of white fir-cedar-Jeffrey Pine forest near a small lake.

June 20 - 6800 ft. ½ mi. E Lake Van Norden, Placer Co., Calif. - 1 heard singing in open lodgepole pine-Jeffrey pine forest on gentle S.-facing slope where there are scattered shrub patches.

June 21 7200 ft. ½ mi. W Donner Pass, Placer Co., Calif. - 1 heard singing from dense shrub area with scattered conifers (S.-facing slope).

June 22 - 7000 ft. ¾ mi. E Soda Sprgs. Nevada Co., Calif. - 1 singing in slightly more moist area, with more soft-leaved shrubs (cherry, aspen), on SW slope. also 1 flushed later from shrub & rock area.

June 24 a.m. - 6950 ft. 1+ mi. SSW Donner Pass, Placer Co., Calif. - 1 singing from fairly dense lodgepole pine-red fir forest, with a few mtn. alder shrubs along a turbulent stream as the nearest other vegetation. A nest was found near a road thru this forest near this same spot in 1949 according to George Treichel (Univ. of Wisc. student). It is about 300 yards from the 1948 nesting site which I observed, the latter being in dry grassy portion of a meadow irregularly dotted with fir clumps & many willow thickets.

p.m. 6000 ft. ⅓ mi. W W. end Donner Lake, Nevada Co., Calif. - 2 heard singing in lodgepole-Jeffrey Pine forest near (or in) interrupting strips of willow & aspen along Donner Cr.

June 29, 30 July 1 - Donner Pass to Ice Lakes area (4 mi. WSW), 6800-7200 ft., Placer Co., Calif. - Songs heard from various locales, all in moderate to open forest with at least some (often dense) shrubs including cherry, aspen, manzanita, & twinberry.

Cogswell
1950

Oreortyx picta

July 7 7100 ft, ½ mi. S Donner Pass, Placer Co., Calif. - 1 scolded (!) us from edge of chaparral (huckleberry oak, manzanita, ceanothus) and conifer forest SE of Mary Lake.

July 9 at least 1 heard giving the "quork" song in this same area; but such songs have, in the general region, pretty much ceased.

July 11 6500-6300 ft, 3+ mi. S L. Van Norden, Placer Co., Calif. 2 "singing" birds heard in forest-chaparral areas on an early a.m. visit.

July 13 7100 ft., ½ mi. S Donner Pass - call notes of mild alarm were the only ones heard here today (of July 9). [with absence of singing ♂♂ I did not encounter the species again until:]

Aug. 8 S side Donner L., 6000 ft., Nevada Co., Calif. - 1 adult accompanied by 5+ downy YOUNG which had considerable wing feather showing. They ran slowly along dirt road & into moist shrub-herb understory of opening in fairly dense forest of fir (red or white?), Jeffrey & lodgepole pine.

Aug. 10 7100 ft. ½ mi. S L. Van Norden, Placer Co., Calif. - an adult and 7+ YOUNG flushed from a lone outlier fir tree by forest edge, 200 ft across a nearly bare slope & into cherry & willow thickets at the base of the gravelly S. facing open ridge. The young were only about ½ size but flew well.

Aug. 25 7100 ft. ½ mi. S Donner Pass [see above] - about 10 flushed or ran into chaparral of same area as July records; several of them were well-grown immatures.

Cogswell
1950

Fulica americana

June 27 - Little Washoe Lake, 5020 ft., Washoe Co., Nev. - 50± seen on marshy S arm of lake. About 10 NESTS were inspected, most of them floating and attached to the sparse emergent tules in knee-deep (to waist deep where Wilbur Twining went) water. Two were at the water's edge on the open shore. All were made of partially dry tule stems & contained from 3 to 11 eggs. No young birds were seen.

July 12 N. end of lake, only, was visited. There were about 30 birds scattered among the more numerous Eared Grebes. 3+ NESTS with eggs of the Coot were found.

July 26 The NESTS found on June 27 in the S arm were mostly abandoned — some undoubtedly because the receding water level left them exposed, but there were 3+ still floating among tules which contained cold eggs.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - In the few pools (not over 5 A. in max. extent) left in the drying marshes NW of the lake there were about 10 Coots, including several juvenals.

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - About 20 individuals seen, including a few in gray-breasted plumage of juvenal. The S. arm of the lake is now nearly dry.

Aug. 23 Est. 400 present on the lake, which is now a mass of Potamogeton, Polygonum amphibium, & Ranunculus. Evidently Coots are migrating.

Cogswell
1950

Charadrius vociferus

June 22}
June 28} 5600 ft., ½ mi. N Boca, Nevada Co., Calif. – a pair "on territory" at a 2± acre wet seepage area in sagebrush flat.

June 25} 4980 ft., 1 mi. N Sattley, Sierra Co., Calif. – a pair in wet grass + sedge meadow of the broad Sierra Valley. None in other parts of it visited.

June 27. Little Washoe Lake, 5020 ft., Washoe Co., Nev. – 1 pair with 3+ downy young and another pair with a NEST with 4 eggs on open E. shore of marshy south arm of lake. The 2 pairs were ~~not~~ over 200 yards apart.

July 9 S. end Lake Tahoe E. of Camp Richardson, 6230 ft., Eldorado Co., Calif. – 2 on sandy beach between marsh + lake.

July 10 E. side Boca Res., 5560 ft., Nevada Co., Calif. – 1 seen on shore of reservoir by grassy swale

July 11 1 adult + ½ grown YOUNG seen in same area as those of June 22, 28. This is several hundred yards from the reservoir, but a trickle of water runs along edge of the grassy area

July 12. Little Washoe L., 5020 ft. Washoe Co., Nev. – Close flock of about 15 along sandy shore. No young or separate pairs noted.

July 24. E. side Boca Res. [see above] – 2

July 26 Little Washoe L., 5020 ft., Washoe Co., Nev. – About 40 present, apparently some influx above breeding pop.

Aug. 1 E. end L. Van Norden, 6760 ft. Placer Co., Calif. – 2 foraging on muddy shores of lake adjacent to meadow. They do not breed at this altitude, none being found here during earlier coverages this yr.

Aug. 6 W. side Carson Valley, Douglas Co., + near Carson City, Nev. – Fairly common on wet grassland.

Cogswell
1950

Charadrius vociferus

Aug. 7 E. side Boca Res., 5560 ft., Nevada Co., Calif. - 2+ along shore of small grassy swale.

Aug. 5
Aug. 9} Reno area, 4500 ft., Washoe Co., Nev. - 2 on lawn of Idlewild Park, + several (on 5th) in wet grassland (farms) E + SE of town.

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - about 20 seen along NE + E shores of the main lake (S. arm now nearly dry).

Aug. 17 Little Truckee R., 5800 ft., 3 mi. E, 5+ mi. N Hobart Mills, Sierra Co., Calif. - 1 on open gravelly, stream bank in broad valley - the bottom of which is grassland, the slopes sagebrush.

Aug. 21 Prosser Cr., 5650 ft., 1⅓ E, 3½ mi. N Truckee, Nevada Co., Calif. - 2 in similar, but smaller, stream + valley.

Aug. 23 Reno - about 5 on Idlewild Park lawn.
- Little Washoe L., 5020 ft., Washoe Co., Nev. - only 5 or 6 along same area in which 20 found on Aug. 9. The invertebrate life along the water's edge is very abundant, yet numbers of this sp. seems to have dropped off.

Cogswell
1950

Squatarola squatarola

July 26 Little Washoe L., 5020 ft, Washoe Co., Nev. One individual, in full black-bellied plumage, was standing on shore by edge of dredged ditch — along with several Killdeers & 1 Willett.

[The above is only record I have of this sp. at this locality for summers of 1948 & 1950]

Cogswell
1950

Capella gallinago delicata

June 25 - Sierra Valley Ranch, 4890 ft., 1 mi. W 7 mi. N Sierraville, Sierra Co., Calif. - In the broad wet (0 to several ft. of water) pastureland of this valley, we finally traced a mysterious "woo - woo - woo - woo - woo - woo - woo - woo" call to the Wilson's Snipe —— in "nuptial" flight. It was first heard at 1 mi. N Sattley, where 2 were flushed from the wet sedge-grass area. Here at the MacMillan Ranch we waded across a mile or so of marshy ground and had a snipe circling about us at about 250 ft. altitude. As it circled counterclockwise it alternately rose and fell gradually in altitude in an up & down sine-curve course, of perhaps 50 ft. amplitude. On the down slopes it "poured on the steam" and the whinnying sound emanated from its direction. This performance was continued, with but slight interruptions of the noise-making, for fully 10 minutes. The downward parts of the flight (& hence the noise) came at about 6 to 8 second intervals. 2 other snipe were flushed in this same area, over which the performing bird was describing a circle of perhaps 1/3 mile diameter.

Aug. 5 E. side of Reno, 4500 ft., Washoe Co., Nev. - 1 standing on a fence post at border of a wet meadow in edge of residential - farming district. There is a grove of tall trees on 1 side of the meadow.

Cogswell
1950

Actitis macularia

June 17 }
July 1 } mary Cr. 6900 ft. 1 mi. SW Donner Pass, Placer Co., Calif. – 1 foraged along mud & wood debris-littered banks of the 3-4 ft. wide creek within forest where trees have been cleared for several paralleling power lines. This is 1½ miles from nearest likely nesting locale (L. Van Norden).

June 20 E. end Lake Van Norden, 6770 ft., Placer Co., Calif. – 3 adults were flushed from lake shore, here bordered by open grassy & low sedge meadow & some willow thickets. They foraged chiefly along the lake edge itself & over half-submerged logs, etc. Another was flushed from wet grassy area near pine forest border of meadow nearly 1/3 mile from the lake.

In the p.m. we found a NEST with 4 eggs, placed on dry (barely) point of land about 3 feet from a shallow minor indentation of the lakeshore. There are 6 inch sedges sparingly hiding the nest. An adult bird **ran** & then flew away from the nest without making any fuss as a group of **7** people came up toward it. This is in the same area where 3 birds seen this a.m. Eggs of *Bufo boreas* very abundant in shallow water near nest.

June 30 This nest site is now under water, the level of the lake having risen a few inches (6±), and there is no sign of the eggs. Adults still in vicinity.

July 2 2 seen along shore bordered by lodgepole pines.

July 18 " " " " " " " "

July 24 E. side Boca Res., 5560 ft., Nevada Co., Calif. – an individual with unspotted breast walking along stick littered shore.

Cogswell
1950

Actitis macularia

July 27 }
Aug. 5 } Little Truckee R., 5800 ft. 3 mi. E, 5 mi. N Hobart Mills, Sierra Co., Calif. – 1 adult walking along shore of gravelly-bedded stream in open grass & sagebrush valley.

Aug. 7 Boca, 5550 ft., Nevada Co., Calif. – 1 was on the concrete spillway of the reservoir, which has high walls & a slight trickle of water in the bottom.

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. – 1 on muddy shore of gradually receding lake.

early aug. Lake Van Norden [see p. 1] – a few seen regularly.

Aug. 15 About 10 seen, including several juvenals (or ads in winter plumage), along muddy E. shore adjacent to broad meadow & along stream ~~mouth~~.

Aug. 17 3 along the wooded N shore.

Cogswell
1950

Catoptrophorus semipalmatus

June 25 - Sierra Valley Ranch, 4890 ft, 1 mi. W 7 mi. N Sierraville, Sierra Co. Calif. Two were scolding us vehemently from the tops of telephone poles near a small corral on a dry island amid the extensive wet pastureland here (same spot as Pintail nest, which see). Upon closer approach they flew, still yelping, and flew around + around the vicinity + returned to the pole tops after we had gone on. We criss-crossed the area without finding their nest, altho their behavior was certainly that of a nesting pair. (or members of 2 pairs)

July 26 Little Washoe L., 5020 ft, Washoe Co., Nev. - One, still ~~in~~ breeding plumage, foraged actively along water's edge by dredged ditch. It was silent, apparently not being in any way connected with this site as a breeding area.

Cogswell
1950

Totanus melanoleucus

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev.
At least 3 present, among other shorebirds.
They were wary + flew far off across the lake.
Aug. 23 1 Yellow-legs (this sp.?) present.

Cogswell
1950

Erolia minutilla

Aug. 15 E. end L. Van Norden, 6760 ft., Placer Co., Calif.

1 foraging along the sandy mud shores of inlet stream (here stagnant) from which the lake has receded (by partial drainage) in the last 2 weeks. It was seen at close range & the greenish legs noted.

[I saw one here also on Aug. 17, 1948]

None were found this year at Little Washoe Lake, Nevada, where 1 to 20 were noted in July & Aug., 1948.

Cogswell
1950

Ereunetes mauri

Aug. 6 N. of Washoe Lake, 5010 ft., Washoe Co., Nev. - Flock of about 15 (all definitely this sp.) foraging along edges & into water of a several acre muddy pond, which is about all that is left of the marshes NW of the lake.

[no records (by me) this year on any of our 5 trips to Little Washoe L., where up to 20 were found at a time in July & Aug., 1948].

Cogswell
1950

Recurvirostra americana

July 26 Little Washoe L., 5020 ft., Washoe Co., Nev. - 2 in breeding plumage foraging by picking & probing. They were not noisily alarmed by our presence, hence did not, I think, nest here.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - about 120 seen, in various plumages including (perhaps) some immatures. Some were still vehement in their objections to our approach, but all flew as a flock when we came close. This seems like the most likely nesting area in Washoe Valley, since it is marshy (now drying) with small ponds here & there, & is relatively undisturbed.

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - about 10 on SE shore, accompanied by 1 Stilt

Aug. 23 - 4 in this same area.

Cogswell
1950

Himantopus mexicanus

aug. 9 Little Washoe Lake, 5020 ft: Washoe Co, Nev. - 1 ad. foraging in shallow water near SE shore.

aug. 23 8+ in the same area. The lake is now reduced to a weed-filled (Potamogeton, Polygonum amphibium, etc.) slough which is swarming with invertebrate life. The stilts, apparently, did not nest nearby.

Cogswell
1950

Steganopus tricolor

June 25 4980 ft. 1 mi. N Sattley, Sierra Co., Calif. – at least 4 ♂♂ flew around the heads of 4 of us who waded out across the wet sedge-meadowland here. These scolding birds, obviously with territories, if not nests, nearby would sometimes come as close as 8 ft. from us. When nearing us they would pull up in a brief stall, raise the head & neck, open the bill & emit a ridiculous muffled grunt or "peent" sound. This performance would be repeated every 30 to 50 feet or so while they zig-zagged or circled around us. A ½ hour search yielded no nests. I saw no ♀♀, but other observers also present claim they saw 1+.

—— 4890 ft. Sierra Valley Ranch, 1 mi. W 7 mi. N Sierraville, Sierra Co., Calif. – Similar behavior on the part of at least 3 ♂♂ in the very extensive marshy pastureland here.

July 26 Little Washoe L., 5020 ft., Washoe Co. Nev. – 1 group of 5 & a few scattered individuals. Included were some in such a streaked plumage that I thought (from a distance) they were sandpipers (= imm.?)

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co. Nev. – 2 admixed in a flock of Northerns.

Aug. 9 Little Washoe L. [see above] – An est. 400 present on the now considerably receded, weed-filled lake.

Aug. 23 200 est. here today. Migrants, obviously.

Cogswell
1950

Lobipes lobatus

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - Flock of about 15 feeding on a wind-ruffled muddy pond in the drying marshy country NW of the lake. They bobbed about like corks, but were getting something from the water despite its roughness. When flushed, they flew up & around the pond & resettled a few dozen feet from us. (3 observers).

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - About 20% of the 500 est. phalaropes present were of this species see also Steganopus. The migration is apparently well under way.

Aug. 23 About 200 est. on the lake today — approx. as common as the Wilson's. Both sp. were feeding in the pondweed & water persicaria masses (which nearly fill the lake), swimming rapidly & pecking at the plants which reach the surface. A sample of this vegetation disclosed hordes of tiny amphipods, snails, backswimmers, etc.

Larus californicus

June 20 Lake Van Norden, 6770 ft., Placer-Nevada Cos., Calif. — 1 resting on stump near middle of 1¼ mi. long lake. Not seen on subsequent days.

June 22 (late p.m.) Boca Reservoir, 5550 ft., Nevada Co., Calif — 150± on or flying over the water & nearby sagebrush flats. Most were in adult or 2nd year plumage, a few in 1st year. Many were gathered on logs floating near the east shore, but all flew when I approached & resettled farther out on the water. With no island in the lake it does not seem a likely nesting area.

June 24 - Donner Lake, 5930 ft., Nevada Co., Calif. - 1 ad. (or 2nd year bird) resting on water of this 2½ mi. long lake.

June 27 - Little Washoe Lake, 5020 ft., Washoe Co., Nev. — 3 adult gulls circling high over marshes — probably this species.

June 28 (a.m.) E. side Boca Reservoir — only about 30 seen on briefer coverage of 1/4 of reservoir (cf. June 22)

July 4 Donner Lake — 5 (2^+ ads., 1^+ 1 yr. old) on water & flying up & down near S & E ends of lake.

July 7, 8 - L. Van Norden, 6770 ft. [see above] - 1 adult.

July 10 - E. side Boca Res. [see above] - only about 10 seen today, but ad., 2-year, & 1-year old plumages were included.

July 13 Donner Pass, 7200 ft., Placer-Nevada Cos., Calif. - Flock of 5 seen flying W. through the pass, only 200 or 300 ft. above ground, in p.m.

mid July - Lake Van Norden & Donner L. - 1-2 at a time on different days included ad. & ~~1st yr~~ 1-yr. old plumages.

July 24 Boca Res. [see above] - about 50 seen, including 1, 2, & 3^+ year olds — but none of this year's young.

Cogswell
1950

Larus californicus

July 27 Donner L., 5930 ft., Nevada Co., Calif. - several flying over the water, including 1 ~~obviously~~ so dark & mottled that it must have been a this yr's young. — the first such I have seen this season.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - about 10 at a small pond in the now drying marshes NW of lake.

Aug. 7 E. side Boca Res., 5560 ft. Nevada Co., Calif. - many present — including 2+ birds of the year.

Aug 15 - L. Van Norden, 6760 ft., Placer-Nevada Co., Calif. - 1 adult & 1 imm. (either bird of year or a 1 yr. old).

Cogswell
1950

Larus delawarensis

Aug. 6 - N. end Washoe L., 5010 ft., Washoe Co., Nev. - 2+ ads. (or sub-ads.) at a small pond in the drying marshes NW of lake. (cf. *L. californicus*)

Aug. 9 Little Washoe L., 5020 ft., Washoe Co., Nev. - 1 adult on sandy SE shore — the only gull present here today.

Aug. 23 - ?? some present. 10± gulls here not identified as between *californicus* & this.

Cogswell
1950

Sterna forsteri

[June 29] - Little Washoe L., 5020 ft., Washoe Co., Nev. - 1+ white tern (probably this sp.) seen here by R. P. Hays of the Audubon Camp staff.

July 26 6 ~~seen~~, resting on dike thru middle of lake or (2) flying & diving for fish. Some were with full black caps, others showed some whitish on the head.

Aug. 6 N. end Washoe L., 5010 ft., Washoe Co., Nev. - 1+ flying about over muddy, wind-ruffled pond in the marshes (mostly dry) NW of lake.

Aug. 9 Little Washoe L. [see above] - 1, only present - fishing actively.

Aug. 23 3 on hand, 1 still with full black cap.

Cogswell
1950

Chlidonias niger (surinamensis)

June 25 4980 ft. 1 mi. N Sattley, Sierra Co. Calif. - 1 full-breeding plumaged bird flew back + forth across the marshy meadow, here grown to short sedges + grasses + with open water only in a few deep channels. There was an average of 4 to 5 inches of water among the sparse sedges, however.

July 26 Little Washoe L. 5020 ft. Washoe Co. Nev. - 1, in changing plumage, was flying up + down over the open and weed-filled portions of this 40± acre lake. In the weedy areas it several times ~~would~~ dropped down to scoop something from the surface with its bill without diving at all.

Cogswell
1950

Columba fasciata

July 19 - Emigrant Gap, 5300 ft., Placer Co., Calif. 2 flew over U.S. Route 40 in a forest of black oak, yellow pine, & white fir.

Aug. 18 3 on nearby N-facing slope which has many manzanita - Ceanothus - cherry thickets and a few oaks. The pigeons perched in top of tall pine facing the chaparral. 2 dropped down into the shrubs.

Aug. 22 Onion Cr. Canyon, 6000 ft., 3½ mi. S L. Van Norden, Placer Co., Calif. - 3 flew ~~ove~~ over yellow pine, white fir, black oak forest with many chaparral patches. They were all headed "up canyon", separately.

Cogswell
1950

Zenaidura macroura

June 22 - 5750 ft. 2 mi. E Truckee, Nevada Co. Calif. - 1 flying along Truckee River in open grassland-willow valley between sagebrush & Jeffrey Pine woodland on slopes all about.

- 5750 ft. 2 mi. W. Boca Dam, Nevada Co. Calif. - a pair were on the bare ground, presumably foraging, at the roadside in a narrow sagebrush-grassland valley amid open Jeffrey Pine forest.

June 25 Truckee to Sierraville via State Rt. 89 - several seen in similar country.

June 27 Truckee Meadows S of Reno, Washoe Co., Nev. - several seen along US Route 395 in pastures & hay fields.

June 28 E. side Boca Reservoir, 5600 ft., Nevada Co., Calif. - 2 flew over sagebrush covered flat near Jeffrey Pines.

July 12 Reno & vicinity, 4500 ft., Washoe Co., Nev. - 3 seen from highway thru grassy farmland

July 26 About 10 seen on similar trip over same route.

- Geiger Lookout, 5540 ft., ~~[illegible]~~ 2 mi. E Steamboat Spgs., Washoe Co., Nev. - 2 flew downslope over pinyon-juniper woodland.

- Little Washoe L., 5020 ft., Washoe Co., Nev. - flock of 4 flew across sagebrush slope near lake, & 2 from grassy flat beyond lake.

July 27 (p.m.) Prosser Cr., 5650 ft. 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif. - about 5 flushed from willow-dotted grassland along stream; sagebrush on nearby slopes.

(p.m.) Little Truckee R. valley, 5800 ft., P.C. Sierra Co., Calif. - 3 seen in 10 min. walk across similar, but larger, valley. One was flushed from a **NEST** (2 eggs) placed on a bent-over willow branch about 3 ft. from ground.

Zenaidura macroura

Aug. 5 - Reno & farmland E & SE of it, 4500 ft., Washoe Co., Nev. - only 4 seen in 1 hr. drive along roads, seemingly in optimum habitat.

Aug. 6 Carson Valley, 4700 ft., Douglas & Ormsby Cos., Nev. much commoner in sagebrush & grassland areas in the valley; Hot Spr. to Carson City area.

Aug. 9 Truckee, 5800 ft., Nevada Co. Calif. - 1 flying over willow-dotted grassland of Truckee River valley.

Aug. 12 2 in the same area.

Aug. 17 (p.m.) Little Truckee R. valley, 5800 ft., S.E. Sierra Co., Calif. only 1 seen on a 1½ hr. visit ~~to~~ same area as on July 27. The nest could not be located however; with the no. of cattle present it could easily have been destroyed by their browsing.

Aug. 18 S.E. end Bear Valley, 4600 ft., Placer Co., Calif. - 1 flew from 1 of a few white alders along the creek in broad grassy valley amid extensive Transition zone forests. This is my first record on W side of the pass this summer.

Aug. 21 Prosser Cr., 5650 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - 2 seen in 3 hr. visit (cf. July 27)

Aug. 22 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif - 1 flew swiftly over the ski slopes. I saw it from the lodge porch — this being the only one I've ever seen at this altitude.

Cogswell
1950

Bubo virginianus

Aug. 12 - Prosser Cr., 5650 ft., 2 mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - about 1 hr. after dark one was found on the cross-arm of a telephone pole over the grassy valley along State Route 89 here. It flew off across the valley into or beyond large willow thickets. There is arid Jeffrey pine forest on nearby slopes + sagebrush on higher ground fronting on the valley. The bird was silent.

[This is our only record for the summer — none heard on any of our about 5 or 6 nocturnal expeditions to seemingly suitable habitat!]

Cogswell
1950

Asio otus (wilsonianus)

June 25 4950 ft., 2 mi. W Vinton, Plumas Co., Calif. - 1 dead on road near 2± acre patch of short willow trees along drainage in a broad grassy valley. The carcass was already infested with maggots so I did not save it.

July 31 Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 found in dense area of red fir, silver pine, lodgepole pine forest just N. of lodge; it was being scolded by a mob of small birds, including 2+ Robins (whose calls first attracted me to it), some Juncos, chickadees, Audubon warblers, etc. The owl was seen both while perched & in flight. This is almost the identical spot where one was seen in 1948 (July 22, Aug. 6), the whole surrounding area being of coniferous forest with cleared or meadow areas quite close.

Aug. 10 1 seen in same area under like conditions.

Aug. 11 " " " " " " " "

Aug. 16 Mrs. B. Nielsen, while visiting camp today, found the owl perched quietly about 45 ft. up in a 60+ ft. lodgepole pine amid close growing group of same. Some 40 or 50 people turned out to see the bird, which just sat on the limb next to the trunk looking down at us. No small birds scolding it. 4 pellets found nearby were of size indicating this bird. I collected them (uncatalogued) for possible later study.

Cogswell
1950

Asio flammeus

Aug. 10 Washoe Valley, 5010 ft., Washoe Co., Nevada

2 were flushed from the now drying tule (*Scirpus* sp.) marshes about 1/4 to 1/3 mile NNW Big Washoe Lake. They flew around for some minutes after being scared up, but always kept over the short grassland or tules. A few small ponds still have water in the marsh.

Cogswell
1950

Phalaenoptilus nuttallii

Aug. 22 ~~[illegible]~~ w-facing slope Serena Cr. canyon, 6700 ft., Placer Co. 3 mi. S Soda Springs (Nevada Co.), Calif. - At about 9:30 pm. (PDST) as Geo. W. Salt, Geo. Treichel, and I stopped to listen for owls along the Soda Springs - Am. River C. road, we heard a distant note which when followed up, turned out to be a Poor-will. It called several scores of times, in series of 10-100± each. Most of the time it called from far down on a steep, chaparral (huckleberry oak, manzanita, Ceanothus) slope with outcrops of lava rock. I tried to call it up by imitations; and it once alighted on a rock about 60 feet from me and called from there. We had it in flash-light beams several times.

This occurrence undoubtedly is one of post-breeding up-mountain movement, there being many extensive chaparral areas ~~thru~~ the pine belt of the N. Fork American River Canyon to afford it stepping stones. This is the highest altitude (in northern Calif.) at which I have found the species.

Cogswell
1950

Chordeiles minor

June 21
3:00 p.m. 6200 ft., 6½ mi. W Donner Pass, Placer Co., Calif. - A ♀ was flushed from a "NEST", with 2 eggs, which was merely a slightly disturbed area on bare crumbled granite amid irregular granite boulders on an old stream terrace 1/3+ mi. S & upslope from the S. Fork of Yuba River. The several acres surrounding the nest are of open Lodgepole & Jeffrey Pine forest with patchy huckleberry oak, pine-mat manzanita, etc. & considerable bare ground. This is on a "knoll", with denser forest on the lower areas around it. The eggs lie just outside the area under the canopy of a tall, lone Jeffrey Pine.

When disturbed the first time, the bird flew off low above the bushes without a sound, evacuated the cloaca (white) once enroute, & disappeared beyond the pines eastward. In about 5 min. it (the same one?) was flying high over the pines & approached the nest area, only to veer away again. After we then moved away from the nest we saw no more of her until rechecking the nest about 4:10 p.m. She was on it then according to Denis Cogswell, who scared her up again, but this time she only flew a few hundred feet and alighted lengthwise on a lodgepole pine branch ½ way up an 80 ft. tree. Here George Treichel, Bob Frey, & I saw her well, noting the buffy throat.

A few days later campers who went to photograph this bird found her still incubating.

Chordeiles minor

June 22- (just before dusk) Boca Reservoir & vicinity, 5550 -5700 ft, Nevada Co., Calif. 30± hawking about over open sagebrush flat & open Jeffrey Pine forest surrounding it; many called "spee(n)t" at frequent intervals. One was seen & heard "booming".

June 25 (mid-a.m.) 4980 ft. 3/4 mi. N Sattley, Sierra Co., Calif - 3+ flying about over open Jeffrey Pine forest bordering sagebrush,

June 27 (late a.m.) Little Washoe Lake, 5020 ft, Washoe Co., Nev. - 5± flying high over sagebrush & marshes of valley just E of Carson ~~Range~~.

June 30 Big Bend on S. Fork Yuba River, 5730 ft, Placer Co., Calif. - 1 heard in mid p.m., probably flying over some of the more open brushy cut-over slopes [we were in dense forest at the time]

July 1 5400 ft, 3 mi. ENE Emigrant Gap, Nevada Co, Calif - 1 heard calling over brushy, sparsely forested N slope about 8 p.m.

July 6 7250 ft., 1/4 mi. N Donner Pass, Nevada Co, Calif. - A **NEST** depression containing 1 egg, being incubated by a "very demonstrative ♀" was reported by

July 7 2 campers & {the ♀ photographed by Dr. Lloyd G Ingles (color, 16mm movies)

July 7 (eve) I visited this "nest", which is in coarse, granite gravel & slab debris on a gentle W-facing slope just W of the actual boulders of the Sierran crest — which drops off to Donner L. valley on the east. The site is in full sun all day long so far as I can see, altho a sparse juniper 60 ft SE might possible provide early morning shade. The incubating ♀ absolutely melts into the environment, except for her narrowed

July 7 (cont.)
but still glistening eyes. The camoflage was much better than that of ♀ on the June 21 nest. When we finally drove her off, after careful approach to within 8 ft., she fluttered only briefly along the gravelly ground & came to a stop on a sloping boulder with her wings still outspread against the rock. When approached again she repeated the procedure, but this time took to the air & circled the vicinity several times before alighting cross-wise (!) on the limb of a 30 ft. high Jeffrey pine about 100^{+} ft from the nest & down slope. She faced into the rather brisk evening breeze & seemed to have no difficulty holding this perch. The eggs [now 2] were of almost exactly the same hues & pattern as the larger gravel pieces about the nest.

Just as we were leaving, after the ♀ had been off about 10 min., the ♂ drew closer (he had been "peent'ing", booming over open & brushy slopes in distance) and began power diving low over the nest area, swerving to chase the ♀ when she flew slightly. He was not "booming" here, or at least not doing the pull-out; but was apparently trying to drive the ♀ back on the nest. After about 4 such swoops, she went to the nest while we watched & he immediately ~~mounted~~ rose higher & ceased swooping.

Chordeiles minor

July 7 (cont.) At least 3 other ♂ nighthawks were seen & heard in the same area whence this ♂ came. The call note given by all these & by the ♂ when diving on the ♀ was the usual, loud, strident "(s) peent"; but the ♀ was also heard to utter a recognizable "peent" note, altho it was much softer & seemingly lower pitched.

July 10 (dusk) ♀ still incubating 2 eggs on this NEST. She flew away after a diversionary display.

July 11 (early p.m.) E. side Boca Res., 5600 ft., Nevada Co., Calif. - another NEST discovered (by almost stepping on it) with ♀ incubating 2 eggs. It is placed on tan-colored gravel in midst of scattered, gray dead branches of bushes. The area is a broad flat covered only with sparse sagebrush & antelope-brush with sparser grass. Open Jeffrey pine forest is on slopes 1500 ft away. (cf. activity in this area on eve of June 22).

July 13 7250 ft., ¼ mi. N Donner Pass, Nevada Co., Calif. - ♀ still incubating on NEST (6th day since 2nd egg laid).

July 19 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 9+ counted over meadow & cleared ski slopes on N & NE sides of Disney Mtn. These are the first noted here in evenings, although the nesting areas are only a mile away. They seem to forage over these cooler, N-facing forested slopes only on certain evenings, & apparently never early in the season.

Chordeiles minor

July 24 E. side Boca Res., 5600 ft., Nevada Co., Calif. — In mid-a.m. (bright sunshine) one was flying over the sagebrush flat (see July 11) uttering the loud call described above (July 7) for a ♂. Most ~~birds~~ individuals when out in the daytime are not so vocal.

July 26 8800 ft., 2^+ mi. S, 3/4 mi. E Mt. Rose, Carson Range, Washoe Co., Nev. A ♀ was flushed (with diversionary display similar to those noted above) from stony ground under sparse whitebark & lodgepole pines on N.-facing slope just over the Slide Mtn. — Mt. Rose saddle. Time was not available to search for the NEST, but another observer (R. Hayes of Detroit, Mich.) (Audubon camper) had seen it previously & said it contained eggs.

July 30 Sugar Bowl Lodge [see p. 4] — 8^+ over in evening

Aug. 3 6^+ over meadow in front of lodge just after 7:15 pm. P.S.T.

Aug. 3 — 7250 ft., 3/4 mi. N Donner Pass ~~Sie~~ Nevada Co., Calif. The eggs in the July 6-7 NEST hatched some days ago (reported by Audubon campers). About 6:00 pm. (P.S.T.) tonight (approx. sundown) some 18 persons accompanied me to the area, & after a half-hour search we found the two DOWNY YOUNG huddled at the base of the sloping granite boulders which form the Sierran crest. They were about 100 ft. from the nest site, which had an egg shell lying beside it yet. I banded them #s 34-249684 & -685; one of them gave a low wheezy sound when handled, but was quiet when released. The ♀ displayed at our approach, but then was seen no more.

Chordeiles minor

Aug. 5 Truckee River Canyon, 4900 - 5500 ft., Nevada & Calif. while driving up U.S. Route 40 from Reno toward Donner Pass at & after sundown, ~~more~~ greater numbers were seen than I have ever noted at one time in my life except in migrating flocks. Several near Reno (4500 ft.) were active before & at sunset, while from Verdi to near Truckee (too dark to see beyond that) over 100 were counted foraging near the road — most of them close to the river or the canyon floor or its walls. Included were several ♂♂ with bright white throats. All were foraging individually, with no evidence of migratory movement.

Aug. 6 E. side Washoe Valley, 5050 ft., Washoe Co., Nev. 1 flying over sagebrush & grass valley in mid. p.m. of this hot day.

Aug. 9 N. end same valley - about 5 seen in late a.m.

Aug. 7-15, 21, Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - about 5 seen over meadow & adjacent forest on all evenings when I observed.

Aug. 17 Hampshire Rocks, 5900 ft., on S. Fork Yuba R., Placer Co., Calif. - about 5 flying high over rocky, sparsely forested N-facing slope in mid-a.m.

Aug. 21 Prosser Cr. valley, 5700 ft., 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif. - 2 flying over sagebrush & nearby arid Jeffrey pine forest with grassy swales.

Aug. 23 Little Washoe Lake, 5010 ft., Washoe Co., Nev. - 3+ seen on 1 hr. mid-day visit.

Aug. 27 S. Fork Yuba R., 6000 ft., Placer Co., Calif. - 1 seen flying in a.m. (near Aug. 17 locality).

Cogswell
1950

Chaetura vauxi

July 4- (11:30 a.m.) Donner Lake, 5950 ft., Nevada Co., Calif. - at least 4 were flying together (+ 2 a few min. later) over the tall forest trees just S of the W half of the lake. They were obviously foraging + in no hurry to get on away from the area. A few weak chippering calls were given by 1 or more of them.

July 11 E. side Boca Reservoir, 5600 ft., Nevada Co., Calif. At least 4 were seen (at one time) mixed in with foraging group of Cliff + other? Swallows over sagebrush flat near the reservoir. These were silent while we observed them (Floyd Ingles, John Willis + I).

Cogswell
1950

Selasphorus rufus

July 1 - near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co. Calif. - a ♂ (first I've noted this season) buzzed about the willow thickets of the wet meadow. A number of elephant's snouts are in bloom, but little else yet in the way of tubular flowers here.

July 4 - E. end Lake Van Norden, 6770 ft., Placer Co. Calif. - 1 (♂?) flew across the ½ mile wide meadow, into or thru the willow thickets near the N edge.

July 8 "Signal Hill" 7100 ft., ¾ mi. W Donner Pass, Placer Co. Calif - 3 ♂♂ and 1 dull one (♀? or im. ♂?) seen in herb-filled opening at border of tree clumps & tall shrub thickets.

July 11 near Sugar Bowl Lodge [see above] - still not numerous; 2 ♂♂ seen at border of cleared ski slope.

July 17 much more numerous now, the ♀♀ & im. ♂♂ outnumbering the ad. ♂♂ for the first time ~~this~~ season; about 15 seen in 2 hr. trip over ½ mi. of forest & meadow.

July 24 Still more numerous, the flowers have increased, particularly the columbine.

July 25 }
Aug. 2 } "Signal Hill" [see July 8] - about 10 seen in same 4 acre clearing or vicinity, feeding at columbine & fireweed.

July 31 near Sugar Bowl Lodge [see above] - about 20 seen on 2 hr. trip along ½ mile of meadow & thru bordering forest. Total nos. do not seem to be as high as in 1948 at this same time. The floral spread on the cleared ski slope is also less conspicuous.

Aug. 2 about 15 on a similar coverage, including 2+ ad. ♂.
[See also original record of 3 Audubon campers' observation of behavior of one individual on territory - sheets attached to this p.]

①

Observation of Rufus Humming Bird

August 2, 1950 –

Hedrick, Miss Minta Vaughan, Heimberger
( ) (Los Angeles) ( )

Legend - cl - circle
Clmb - Columbine
f. - favorite
HB - Humming Bird.

Our bird small Rufus Humming Bird.
area covered - about 1/4 acre (a circle - 110 ft in diameter)
Place - Open dry meadow
(in front of Lodge -)
surrounded by willow thickets + forest
Time - 10:26 to 11:41 A.M.
(P.D.S.T.)

10:26 - H.B. flew to Clmb. sipped then darted to fir about 100 ft from where we sat

10:35 - flew over meadow to W.
10:36 - Returned to Clmb for a few dips - then to fireweed (Entered 12 times)
Flew N.E. lighted on fir 50ft to N of us & sat facing in our direction with head cocked
10:40 cl To E then to W on Clmb 15 ft. entered - 20 next bush, 8-in another 30ft away
10:42 Flew from fireweed back to Clmb
10:43 Flew to top of tree (1½ ft high) with dead top
10:44 then top of another small seedling with dead top 60 ft N. of where we sat.
10:45 Another H.B. entered territory our bird cl clockwise S & chased him with scolding sound.

10:46 Rested on iron Ski Lift chair

10:50 Returned to tree 60 ft S. (favorite perch)

10:52 Another H.B. entered area & our bird flew at him-

10:53 Flew to clmb & then to fir to W. always facing us.

10:55 Flew in cl. Counter clockwise to fire weed then to f. perch. Circled again lit on fl. (clmb) 15 times & back to f. Perch.

10:08 Went to fire weed & back to f Perch.

11:03 Facing us flew to clmbn to E. (Favorite Columbine)

11:05 Back to f Perch. then circled E of us & hovered over fir Big H.B. zoomed him 6 times - then 4 times more -

11:08 Flew back to f. Perch.

11:09 Flew back to f Clmb Bg H.B. zoomed him again - Both flew high in air fighting & scolding

11:11 Lit on fir 10 ft to E of us then on to F. Clmb. Bg H B dove on him again

11:12 Both flew straight up almost out of sight - Flew to high tree on edge of meadow. then dropped down over meadow near willows

11:15 Back to f Perch - then Bg HB flew to f. Clmb & our bird again attacked - Looping & circling over meadow E of us twittering

11:19 Bg H.B. still chasing our bird running it off favorite Clmb.

Our bird tries to feed - Big H.B.
zooms over. but our bird
fights for territory flying
from fir to favorite Columbine
sometimes within a foot of us.
11:23 Settles in little seedling
12 ft to E of us.
11:25 Back to f. Clmb - chasing,
zooming, squawking going on.
11:26 Saw another H.B. in nesting
place - Chased him out - then
back to f. Clmb.
11:27 Hovers over bush then fed
at f Clmb Entered 1-3 in each flower
36 times:
11:30 Settles on fir near road
then back to f. Clmb. & up
to SE Clearing & chased Big
H.B. up into high trees above.

⑥

11:33 Back to f clmbn. hovered then rested on tree.

11:34. Back to f clmb. - Circled to W. lands on another clmb. Straight across in front of us to f. clmb. & perched on tree 9 ft from us.

11:36 Circles into grass & back to tree near road this time on lower limb.

11:38 Back to f clmb.

Another H.B. comes - Our bird chases him away

Back to f clmb.

Back to Perch on Seedling near us.

Back to f clmb. - Perched while feeding.

11:41 Perched on clmb.

Selasphorus rufus

Aug. 3 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Still numerous.

Aug 16 - I had campers observing again. Mr. Welz & Mr. Guest turning in one of the best reports yet — as one would expect from their serious attitude & at least partly scientific background. Both are high school teachers. [See their original sheets attached to this page] The male they observed was the latest date for an adult recorded in the region this summer. I saw none later than Aug. 2.

early ~~and~~ August) - Donner Pass & Ice Lakes region, 6700-7000+ ft., Placer Co, Calif. - ♀♀ & imm. ♂♂ still common, beginning to feed on Scarlet Gilia which is in increasing bloom & (on "Signal Hill") on thistles.

Aug. 24 - "Signal Hill" 7100 ft., 3/4 mi. W Donner Pass, Placer Co, Calif. - about 15 seen in same area as mentioned on July 25 & Aug. 2; they are now feeding almost exclusively on thistles, altho those near the lodge (where there are no thistles) are growing scarcer with the waning of columbine & Scarlet Gilia.

Aug. 26 - near Sugar Bowl Lodge [see above] - still a few present, but numbers are decidedly down over 2 weeks ago (or even 1 week ago).

By Ed Welz & John Guest
(Bakersfield) (Whittier)

Aug. 16 1950 — 10:00 to 12:00 A.M. (P.D.S.T.)

Group A — Bird Study

Weather — Clear, with streaks of clouds overhead; bright sunshine.

Bird observed — Rufous Hummingbird

Observations:

10:25 — Discovered bird feeding on columbine in open area to south of lodge, between chair lift and stand of lodgepole pine.
Flew to perch at upper edge of area. Perch was bare branch of shrub about 3 ft. off ground.

10:27 - Left perch to chase another hummer. Returned in about 15 sec.

10:28 — Chased another hummer. Returned to same perch.

10:31 — Flew toward observers; hovered near; flew to branch on pine tree about 12' high. Seemed to be watching observers.

10:32 — To bare twig in open field 12 yds. from first perch.

10:34 — Returned to perch #1

10:36 — About 25 ft. to columbine
Probes into each blossom 3-2-3-4-5-1-2 [illegible]
10:37 — Chased another hummer, chattering.
Back to perch #2.
Probing columbine
10:38 — Back to perch #1 — [illegible] same twig.
Off to chase another hummer, 150 ft.
Feeding on columbine (4-9).
Wings beating on leaves — Bee [illegible]
10:40 — To same pinetree as before, same twig
Surveying territory and distances.
10:41 — Chasing another hummer "Zee!", in flight
Back to perch #2
Other birds seem ok in his territory
10:49 — Feeding on columbine
10:51 — Perch #1 again, facing south
10:52 — Chasing hummer about 100 ft. away
10:52½ — Perch #2, facing west.
— Chasing hummer
— Return to perch #2
— Flashing bright copper band on throat, with scarcely any body movements.

10:55 – Moved to lower perch on same shrub
to avoid another bird (not hummer)
Returned to perch immediately
Facing west – keeps turning head
Seems to face into the wind.

11:00 Stretching, scratching self with left foot
Repeat. Flew up in air about 6 ft.

11:01 Returned to perch #1 (was at #2)
Up in air and back again
Flashing copper from throat.
Left perch — returned

11:02 To columbine about 50 yds. away.
Return to col. about 20 ft. from perch #1
Feeding – probing – 6-5-6-4-5.
Back to perch #1

11:04 Feeding, col. 20 ft away
Feet hanging slightly – not retracted.

11:07 Chasing hummer.
Back to perch #2
Feeding, col. — 5-5-5-5 – partly perched

11:08 To Perch #1 facing south

11:11 – To pinetree, perching.

11:14 – To Perch #2

11:12 — Perching in willows, 2 ft off ground, on bare twig, facing south. Copper color shows occassionally. About 120 ft. from previous perches, downhill.

Preening tail and scratching self with right foot.

11:17 - Off downhill to ?

Back to perch #2, but scared off by man passing on path. Back to #1

11:18 - Feeding about 25 ft away. Back to #1

11:19 - Off again, feeding.

11:20 - Perched on parsely twig bent over. Was scared away from feeding by workmen. Feeding again. — 6-5-3-3-4.

11:21 - Charged off down to ravine and ?

11:22 - Back into pine (#4) eastern limit.

11:25 - Off, squeaking, chasing hummer.

11:26 - To perch #1

11:27 - Feeding on col.

- Back to perch #1, facing south.

11:28 - Feeding on col.

— To perch #3, scared by workmen.

11:29 - To pinetree, scared by workmen.

11:31 - Returned to #2 perch after trip
to electric wires about 50 yd from
pinetree - then down into ravine.
Workmen had left previous to this.
11:32 - Feeding. Returned to #2
Flew thru opening of chair lift to
other side apparently feeding.
Man walking down slope on other side
of chair lift, Our Rufous flew up
and away to?
11:35 - Back to perch #1 - facing south.

Approximate measurements taken:
Perches #1, #2, #3 about 3 ft off ground
#1 to #2 — 12 yds
#1 to #3 — 15 yds
#3 to #2 — 12 yds
#2 to pinetree - 25 yds
#3 to pinetree - 15 yds
Area of feeding territory
about one acre.

Cogswell
1950

Stellula calliope

June 17 - near Sugar Bowl Lodge, 6950 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. — A ♀ was catching insects from among & on twigs of lodgepole pines & red firs well within dense forest, which is still with 2 to 5 ft. of snow underneath. No males noted here or in meadow a few hundred feet away where they were common in 1948.

June 21 same area, 7050 ft., — 1 flew over open herb & low-shrub-covered slope of Disney Pk. (very few flowers out as yet, altho snow is melted at this point).

June 22 - 7000 ft., 3/4 mi. E Soda Springs, Nevada Co., Calif. — 1 ♂ seen on SW-facing slope in edge of aspen, cherry, huckleberry oak, etc. thicket surrounded on 2 sides by red fir clumps. A ♂ was reported by R. B. Hays at Donner Lake also

♂ ONLY NOTED THIS SUMMER!

July 3 near Sugar Bowl Lodge (see above) — 1 ♀ in willow thickets at edge of wet meadow some 150 ft. from conifer forest.

July 8 Cisco Grove, 5630 ft., on S. Fork Yuba R., Placer Co., Calif. - 1 ♀ seen closely (including tail) as she perched on willow twig fronting on open grassy gravelly flat. Flowers are very scarce here.

July 17. near Sugar Bowl Lodge. [see above] - 2+ ♀♀ seen in willows of wet meadow & nearby red fir forest.

July 22 Cisco Grove [see above] - 1 ♀ seen in & near black cottonwood trees (tall trees, but bird close to lower trunks)

July 27 - "Signal Hill", 7100 ft., 3/4 mi. W Donner Pass, Placer Co. Calif. 1 ♀ seen at border of conifers, soft chaparral & herbs (see S. rufus also). She perched in Acer glabrum by 1 trail.

Aug. 5 Cisco Grove [see above] - 1 ♀ (apparently the same one as before) in willows & cottonwoods along stream. not seen closely this time, however.

Cogswell
1950

Colaptes cafer

June 21 7200 ft., 1 mi. W Donner Pass, Placer-Nevada Cos., Calif. - 1 in open Jeffrey Pine - white Fir forest on steep S.-facing slope.

June 22 7000 ft., 3/4 mi. E Soda Springs, Nevada Co., Calif. - 1 in similar habitat on SW-facing slope near denser forest (Red Fir - lodgepole pine).

- N.E. end Boca Reservoir, 5600 ft., Nevada Co., Calif. - 1 in open, arid type Jeffrey Pine forest at border of open sagebrush.

June 23 Bear Valley, 4580+ ft., Placer & Nevada Cos., Calif. - 3 seen in open "forest-border" habitat around broad grassy meadow. The trees used were Yellow Pine, Incense Cedar, Black oak, & white alder & black cottonwood along stream. One bird went into a nest hole in a tall ~~alder~~ cottonwood stub.

June 25 Truckee, Nevada Co., to Sierraville, Sierra Co. Calif. - about 5 seen from car in arid Jeffrey Pine forest along State Highway 89.

- US Highway #395 near Calif.-Nevada state line, Washoe Co., Nev. - one flew across open low sagebrush country without a tree or tall bush in sight. It went down toward an arroyo with steep banks, which may have held some water. There were 2 rows of short telephone poles nearby — the only "woodpecker" substrate in sight.

June 27 Truckee Meadows S of Reno, Washoe Co., Nev. - 2 seen in farmland with tall cottonwood trees around some field borders

June 29 7100 ft., 1/2 mi. S Donner Pass, Placer Co., Calif. - long "yip-yip-yip" series of calls heard in open lodgepole pine - red & white fir forest.

June 30 (both a.m. & p.m.) 5800 ft., Big Bend, S. Fork Yuba River, Placer Co., Calif. - same long call heard in tall, old forest of Jeffrey & lodgepole pine, white Fir, and W. White Pine. There are cleared shrubby slopes nearby. This particular bird wavers in pitch, but was the same way here in 1948 & it was a Flicker for sure then.

Cogswell
1950

Colaptes cafer

July 1 - 6900 ft., 3/4 mi. SW Donner Pass, Placer Co., Calif. - 1 heard ("kée u" call) in moderately dense lodgepole pine forest with a few Jeffrey Pines + Red Firs admixed.

July 4 6800 ft., S of RR tracks, Norden, Placer Co., Calif. - "kée-u" call heard in similar forest

July 5 (9 a.m.) 7200 ft., 1 mi. W Donner Pass, Placer Co., Calif. - 1 gave the long "yip-yip" series of calls from a tall Jeffrey Pine in open, patchy forest of same + white fir, on steep S-facing slope. Another flew over the area headed toward the "singing" bird.

- Cisco Grove, 5650 ft., on S. Fork Yuba River, Placer Co., Calif. - 1 heard in open Lodgepole - Jeffrey Pine forest near tall cottonwoods of riparian strip

July 8 7200 ft., 1 mi. W Donner Pass (see above) - 2 seen

July 9 7800 ft., 1/2 mi. W High Meadow, Carson Range, Eldorado Co., Calif. - 1 in very open growth of pines, firs, + brush.

July 10 } July 24 } 1/2 mi. E Boca Reservoir, 5600 ft., Nevada Co., Calif. - 1 heard calling from Jeffrey pines in open, arid forest of same. 3 here on 24th

July 23 8000+ ft., SE High Meadow, Eldorado Co., Calif. - 1 in open lodgepole pine - red fir - silver pine forest.

July 25, 27 - "Signal Hill", 7200 ft., 1 mi. W Donner Pass (see above) - 1 heard

July 28 5800 ft., Big Bend Camp Grd. [see p. 1] - 2 seen (1 gave once the long "yip" series of calls) in tall, dense forest patch near openings created by power line firebreaks + stream.

Aug. 6 Carson City, Ormsby Co., Nev. - 2 heard (1 seen) in exotic trees planted in the Capitol plaza.

Aug. 9 E base Mt. Rose near Galena Cr., 6000+ ft., Washoe Co., Nev. - 1 in open forest of Jeffrey pine on alluvial fan.

Aug. 10 "Ice Lakes", 6900 ft., 3 mi W, 1 mi. S Donner Pass, Placer Co., Calif. 1 heard giving long series of "yip" calls in lodgepole pine forest.

Colaptes cafer

Aug. 11 Big Bend Camp Ground, 5800 ft. [see p. 1] - long call heard from 1 bird here today.

Aug. 21 Prosser Cr., 5650 ft., 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif.: 1 perched for several minutes (at least) on 25 ft. high, dead-topped willow on grazed grassy flat by the creek. Open Jeffrey pine forest (or woodland) & low sagebrush cover adjacent slopes.

mid-Aug. & Aug 24-25 } near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 heard or seen on several dates in the red fir - lodgepole pine - silver pine forest or stringers of it on the ski slopes. No long calls heard, however.

In general, for the whole season, the Flicker seemed to be less common than in 1948. Certainly several nesting areas occupied 2 yrs. ago were without birds this year — e.g., at L. Van Norden dam, w. end Donner L., and Angela Lake.

Cogswell
1950

Asyndesmus lewis

June 27- 5500 ft., 4+ mi. E & slightly N Truckee, Nevada Co., Calif. - 1 flew between tall, dead tree trunks of burned area in former arid Jeffrey Pine forest — now mostly grass & sagebrush — on slope of plateau just N Truckee River.

July 12 5550 ft., 1 mi. SE Boca, Nevada Co., Calif. - 1 flew onto trunk of a 8± inch diameter Jeffrey pine at border of sparse forest & sagebrush along US Route 40.

July 23 Freel Peak, 10,900 ft., Alpine-Eldorado Co. line, Calif. - 2 flew over the fell-feild area above timberline, coursed in wide, erratic sweeps in the rather stiff breeze & then plunged rapidly down into the forested headwater canyons above High Meadow. Geo. Treichel, John Harville & others present said the 2 birds came up from the Alpine Co. side.

Aug. 9 5800 ft., 3 mi. E, 2 mi. N Truckee, Nevada Co., Calif. - 1 in partly burned, scattered Jeffrey pines on side of Truckee River valley.

Cogswell
1950

Sphyrapicus varius

June 20 near RR Sta., 6800 ft, Norden, Placer Co. Calif. - about 9 a.m. one flew into tall Jeffrey Pines in open mixed stand of Jeffrey + Lodgepole Pines. It called a few times, then dropped almost to the ground, alighting on ~~the~~ a stem of a willow in the 8 ft. high thicket filling a low wet spot here. The stem it utilized did not appear over ½ inch in diameter. As we approached to check just how it managed to cling there, the bird flew on to another willow clump 200 ft. away, perching crosswise of a sloping stem there. It soon hopped up, woodpecker fashion onto a more vertical willow stem — still small in diameter. A few minutes later it flew to a nearby telephone pole + drummed intermittently for several minutes.

June 21 · E base Disney Peak, 1.3 mi. SSW Donner Pass, Placer Co, Calif. - 1 seen in patchy Red fir - Lodgepole Pine - White Pine forest near 1/8 to 1/4 mile broad, cleared ski slopes.

June 23 - N base Disney Peak (see above) — 1 in denser fir + pine forest.

July 5 - SW end Squaw Valley, 6300 ft., Placer Co. Calif. - 1 flew across base of new ski lift + into scraggly white fir on slopes recently partly cleared.

July 6 - Norden, 6800 ft, Placer Co. Calif. — drumming heard at about 9 a.m. from same area as on June 20. Bird not followed up today.

[record of observations on June 26 of a bird at a feeding tree, made by Mr. + Mrs. Virgil Rosenbaum ~~are~~ is appended]

July 7 N. side Bear Valley, 4580 ft., Placer Co. Calif. - 1 ad. seen in dense yellow pine - incense cedar - black oak forest on flat ~~at~~ near edge of broad meadow -

Bird observed: Red breasted sapsucker.
Place: North shore of Lake Mary. (⅓ mi. SW Donner Pass 7100 ft.)
Time: June 26, 1950. Times are P.D.S.T.

8:16 a.m. Arrived at study area.

8:30 a.m. Red breasted sapsucker appeared on white fir about 50 feet from shore.

8:30½ a.m. Sapsucker flew east across lake towards bluff. Feeding holes were on middle third of tree. Many holes were on south side of tree; one small feeding area on north. No evidence of feeding on other trees in vicinity. Squirrel in tree all during time of observance

9:13 a.m. Sapsucker returned from east bluff. Ate sap. Drilled a new hole. 6 min.

9:19 a.m. Flew around tree and cleaned bill.

9:20 a.m. Came back for more sap.

9:22 a.m. Flew to bluff.

9:23 a.m. Came back to same holes.

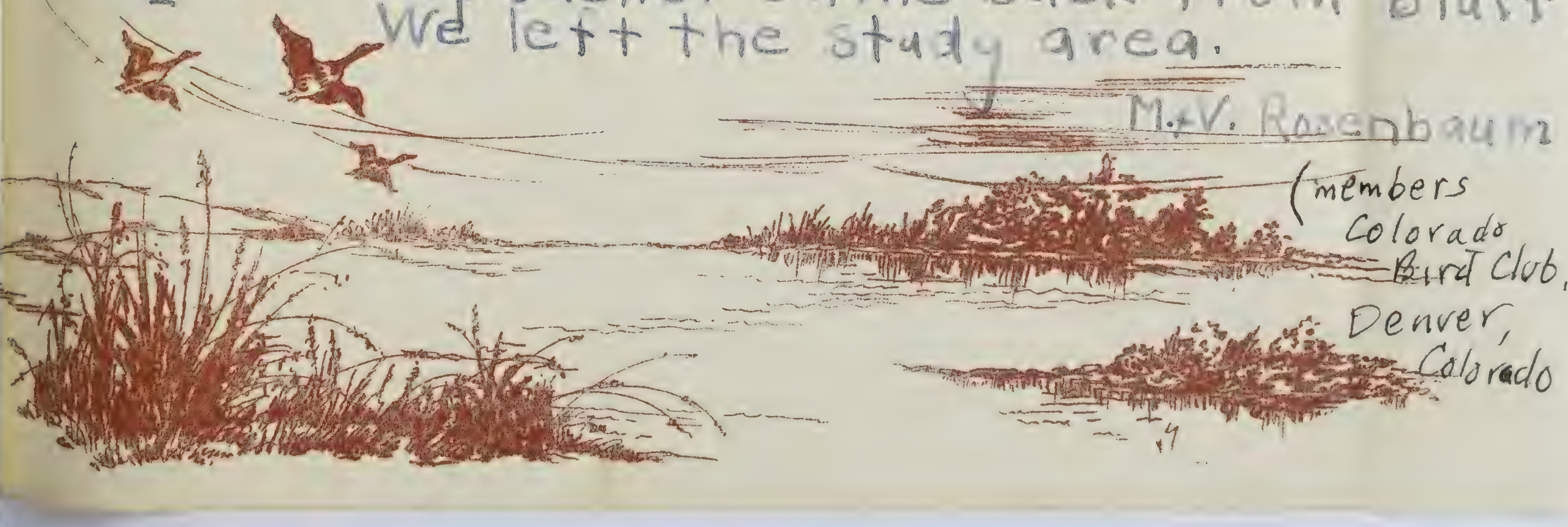
9:23¼ a.m. Left towards bluff. Indications are nest is located on bluff about ¼ mi. away.

9:34 a.m. Squirrel getting sap out of same hole.

9:35 a.m. Squirrel came back, ate sap and pealed some bark.

9:35½ a.m. Sapsucker came back from bluff. We left the study area.

M.+V. Rosenbaum
(members Colorado Bird Club, Denver, Colorado



Cogswell
1950

Sphyrapicus varius

"Signal Hill"

July 8 7100+ ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1 flew across several hundred yards of brushy & sparsely forested mountainside, alighting on trunk of a tall white fir (abies concolor).

July 9 7700 ft., 1/2 mi. NW High meadow, Carson Range, Eldorado Co., Calif. - 2 in open forest of Jeffrey pine, white fir, & lodgepole pine, with dense stringers of aspen along stream.

July 13 7100 ft., SE side Mary Lake, near Donner Pass, Placer Co., Calif. - 1 juvenile (brown-headed) seen in broken-topped fir in wide "ski trail" swath thru denser forest of red (& few white) fir, lodgepole & silver pines. This bird stayed almost motionless in typical vertical clinging posture for over 20 minutes. This is very near the locale of the Rosenbaum's observations of June 26.

July 19 near Norden R.R. Sta., 6800 ft., Placer Co., Calif. - 1 adult seen drumming on metal band at top of a telephone pole over willow thickets near edge of lodgepole pine - red fir forest. (same spot as on June 20)

Aug. 1 1 adult seen in this same general area.

Aug. 3 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 2 juveniles seen in red fir - lodgepole & silver pine forest.

Aug. 4 N. slope, 5000 ft. NE Emigrant Gap, Placer Co., Calif. Fresh sapsucker work on the stems of a young acer macrophyllum here were of the "lattice" type, i.e. enlarged rectangles open up in series, & narrow strips between them with bark remaining. Sap oozed from many of them & attracted numerous small flies.

Cogswell
1950

Sphyrapicus thyroideus

June 21 - lower end of "Sugar Bowl", ca. 7200 ft, 1½ mi. SSW Donner Pass, Placer Co., Calif
A pair flew thru dense, red fir & pine forest near creek. The ♀ went on after a short, tortuous chase thru the lower parts of 2 trees; but the ♂ alighted on the trunk of a fir close to my class of 7 people. He gave a nasal, squealing call — not so long as the similar one of S. varius.

June 24 NE base Crow's Nest Pk., 1½ mi. SW Donner Pass, Placer Co., Calif.
A ♂ flew thru dense red fir - lodgepole & white pine forest, giving this same call as he alighted on the trunk of a tall fir some 40 ft. up.

June 29 (a.m.) 7100+ ft., ⅓ mi. S Donner Pass, Placer Co., Calif - a ♂ flew from near Mary L. into stand of tall firs on W-facing slope.

(p.m.) - Ice Lakes Camp Grd., 6900 ft., 3+ mi. W, 1 mi S Donner Pass, Placer Co. Calif - a ♀ seen returning to a NEST tree twice. The nest hole was discovered on June 20 by Ferd Ruth, who saw both birds go to it then. It is about 60 ft. up in the dead, spire top of a lodgepole pine. The ♀ today worked her way around the tree so adroitly that I did not see her go into the hole; but it is the only fresh-looking hole of 4 which are in that tree. The second time (about 4:30 p.m.) she was foraging on 15-20 ft. high lodgepoles just E of Dulzura L. (one of the "Ice Lakes") & flew several hundred yards to the nest area. The forest in the flattish area is a mixture of a few very tall, old red firs & lodgepole pines & many younger trees from seedling to 70 ft. height, the lodgepole predominating.

Cogswell
1950

Sphyrapicus thyroideus

6400 ft.
July 9 1 mi. NE Meyer's, Eldorado Co., Calif. - 1 ad. ♂ flew onto the trunk of a small lodgepole pine, alighting very close to the ground. The forest here is semi-arid lodgepole - Jeffrey pine type.

July 14 7100 ft., 1/3 mi. S Donner Pass, Placer Co., Calif. - 1 immature (white-throated) male seen in border of dense firs & pines near Mary Lake.

July 26 Galena Creek Camp, Carson Range, 6600 ft., Washoe Co., Nev. - 1♂ in Jeffrey pine amid fairly dense stand of same + many white firs, & black cottonwoods.

Aug. 6 W. side Lake Tahoe, Eldorado Co., Calif. - 1♂ flew across road & alighted on bole of Jeffrey pine in edge of dense forest.

Aug. 11 7100 ft., 1/3 mi. S Donner Pass - 1 ♂ (ad.?) seen in same area as on July 14.

Aug. 17 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1^{+} ♂ seen in dense red fir - silver pine forest on N. facing slope.

Aug. 25 7100 ft., 1/3 mi. S Donner Pass - 1♀ seen near Mary Lake (see July 14, Aug. 17).

Cogswell
1950

Dendrocopos villosus

June 17 6850 ft, 3/4 mi. SW Donner Pass, Placer Co, Calif - 1 seen & another heard in lodgepole pine - ~~Jeffr~~ red fir - Jeffrey Pine forest with many nearby cleared areas about the road, railroad & power line areas.

June 20 - 6800 ft, near Norden R.R. Sta., Placer Co, Calif - 1 ♂ on tall pines (Jeffrey & lodgepole) near border of meadow.

June 23 - N base Disney Peak, 7000 ft, 1.2 mi. SSW Donner Pass, Placer Co, Calif - 1 in dense red fir - white pine - lodgepole pine forest, near a cleared ski slope.

June 24 Cisco Grove, 5650 ft, on S. Fork Yuba River, Placer Co, Calif 2 seen (1 at least was a ♀) in black cottonwoods along river. Both of them were noisy, giving short, sharp "peek" & frequently the long, rattled series also.

- W. of W. end Donner L., 6000 ft, Nevada Co, Calif - 1 in scattered lodgepoles & Jeffrey pines among aspen & willow thickets on flat 1/3 mi. W of lake.

June 27 Galena Cr. Camp, 6600 ft, Washoe Co, Nev. - 1 ♂ foraging on trunks of Jeffrey Pines, White Firs, & Black Cottonwoods.

June 28 - Sugar Bowl Lodge, 7000 ft, 1.2 mi. SSW Donner Pass, Placer Co, Calif one gave the long, rattled call several times from the dense red fir - lodgepole pine forest N of the lodge.

June 30 - "peek" calls heard in same area.

July 6 near Norden R.R. Sta., 6800 ft. - "peek" calls heard in forest.

July 7 N. side Bear Valley, 4580 ft., Nevada Co, Calif. - heard calling in dense forest of Yellow pine, Incense cedar, Black oak.

July 21 2 seen on trunks of all 3 of these major trees in forest near edge of meadow.

Dendrocopos villosus

middle & late July + early Aug. } near Sugar Bowl Lodge, L. Van Norden, & other loc's. in Summit Valley SW & W Donner Pass, Placer Co. met with fairly frequently (but not on every trip into forest by any means). One long call heard on July 25th. [Less conspicuous in late Aug.].

Aug. 5 / Aug. 16 } Cisco Grove, 5650 ft. [see p. 1] - 1 heard in tall cottonwoods.

Aug. 10 W. end Donner L., 5950 ft., Nevada Co., Calif. - 2 seen in lodgepole & Jeffrey pines where scattered (with aspens) along inlet stream.

- Ice Lakes Camp Ground, 6900 ft., Placer Co., Calif. - 2 in lodgepole pine - red fir forest of moderate density.

Aug. 23 - Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev. - 1 ♂ (ad.) foraging on trunks of Jeffrey pines in the rather dense stand of pines, white fir, & black cottonwood on the bouldery stream cut "fan" at mouth of Galena Cr. canyon.

Cogswell
1950

Dendrocopos pubescens

June 23 - n. side Bear Valley, 4585 ft., Nevada Co., Calif. - 1 heard calling in large black oaks in edge of Yellow Pine - Incense Cedar forest, a few hundred feet from edge of large open meadow (Bear River headwaters).

June 24 Cisco Grove, 5650 ft. on S. Fork Yuba River, Placer Co., Calif. 1 in black cottonwoods + aspens along river.

July 8 1 pair seen in this same area; they foraged on smaller limbs + twigs of tall cottonwoods.

Aug. 5 1 heard calling in same area of riparian growth; also 1 found dead (+ badly decomposed) on sandy ground under the cottonwoods of a picnic area.

Aug. 18 S.E. end Bear Valley, 4600 ft. Placer Co., Calif. - 1 heard calling from tall, spreading black oaks + maples near YMCA camp at edge of broad meadow.

Cogswell
1950

Dendrocopos albolarvatus

June 17 - Yuba Pass, 5800$^+$ ft. Nevada Co. Calif. - 2 in Jeffrey Pine, Incense Cedar, white Fir, Red (?) Fir forest at border of small lake. (an excellent case of mixture of Canadian & Transition zone plants).

June 23 - Bear Valley, 4580 ft., Nevada Co., Calif - 1 ♀ in dense grove of young Incense cedars near border of large meadow, & with typical transition zone forest behind it.

June 24 - W. of W. end Donner L., 6000 ft., Nevada Co., Calif. - 1 in lodgepole pine - Jeffrey Pine forest, with aspen & willow nearby.

June 30 - Big Bend Camp Grd., 5750 ft., on S. Fork Yuba River, Placer Co., Calif. 1♂ & 1♀ seen on lower parts of young conifer trees along road under tall white fir, Jeffrey pine, lodgepole pine forest.

July 4 S side Donner Lake, 6030 ft., Nevada Co. Calif - 1 in similar forest to last, with some red fir also — & a good shrub understory. There are numerous broken-top trees.

July 7 Yuba Pass, 5800$^+$ ft., Nevada - Placer Co. line, Calif. - a pair entering & leaving (when disturbed) a **NEST** hole about 12 ft. up in a telephone pole at forest edge by small lake [see June 17].

N. side Bear Valley, 4580 ft., Nevada Co. Calif - 1$^+$ in dense forest of yellow pine, incense cedar, & black oak.

July 9 7100 ft., 1/2 mi. S Donner Pass, Placer Co. Calif. - 1♂ seen in forest of red fir, lodgepole & silver pines (& few Jeffrey upslope) near cleared ski trail.

July 20 7000 ft., 1½ mi. SSW. Donner Pass - 1♂ in similar forest. (but the species is definitely not common in this ").

July 21 Yuba Pass [see above] - ♀ flew from NEST which contains squealing young.

Bear Valley [" "] - 3 seen in forest & forest edge.

Cogswell
1950

Dendrocopos albolarvatus

July 28 Big Bend Camp Grd., 5750 ft., on S. Fork Yuba R., Placer Co., Calif. – 3 heard and/or seen at one time in area of tall, dense forest of white fir, Jeffrey pine, & lodgepole pine. One was an imm. ♂ with red suffusion over top of its dingy white head. This bird was quite tame & fussed back & forth on a horizontal limb of a pine for many minutes as 16 people watched it from 40 ft. below.

July 31 Sugar Bowl Lodge, 6900 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. – 1 flew over & alighted in edge of
Aug. 8} red fir & pine forest clump. ↗ 2 together here on Aug. 8.

Aug. 1 6800 ft., near Norden R.R. Sta., Placer Co., Calif. – 1 in sparse forest of lodgepole pine with a few red firs near edge of broad meadow.

Aug. 18 Yuba Pass, 5800$^+$ ft. [see p. 1] – NEST in pole now abandoned (held large young 4 weeks ago); calls of this sp., probably of an adult, heard nearby.

N. side Bear Valley [see p. 1] – 1 heard.

Aug. 24 S. slope, 7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. – 1 in patchy forest of red & white fir, Jeffrey & lodgepole pine on steep slope mostly shrub covered.

Aug. 25 7100$^+$ ft., 1/2 mi. S Donner Pass, Placer Co., Calif. – 1 in similar, but more continuous, forest on W slope of Donner Peak.

H.L. COGSWELL - summer 1950

DONNER PASS - LAKE TAHOE - and adjacent western NEVADA regions

Part. 2. (of 2)

Species Accounts of Birds

(Passeriformes)

Cogswell
1950

Tyrannus verticalis

June 25 near Truckee River, 2± mi. E Reno, Washoe Co., Nev. – 2 foraging from wires & from cottonwood trees along road & around a farmhouse. Apparently a nesting pair.

June 27 Pleasant Valley, 2 mi. E 12 mi. S Reno – 1 on wires by roadside in cultivated grassy valley. Trees nearby are Fremont cottonwoods & Lombardy poplars.

July 12 1 seen in this same area.

July 26 2 " near " " " , but in the next (= Steamboat) Valley to the north.

Aug. 5 S. end of Reno, 4500± ft., Washoe Co., Nev. – 2 seen on roadside wires in farm country with many Fremont cottonwoods along fencerows, etc.

[Aug. 23] in or near Steamboat Valley, Washoe Co., Nev. – 1 reported to me by Miss Dorothy Groner, who is familiar with the sp. & and experienced bird-watcher.

Cogswell
1950

Sayornis saya

July 12 Geiger Lookout, 5560 ft, Virginia Range E Steamboat Springs, Washoe Co., Nevada. - 2 were foraging close to each other over a 2-3 acre, dry grassy spot on gentle slope among pinyons & junipers. They perched on small rocks and on pinyons, but also did quite a lot of hovering.

Aug. 6 N. end Washoe Lake, 5010 ft., Washoe Co., Nev. 2 foraging together over wind-swept sandy beach & drier alkali dotted flat just above it. They utilized an old rusty fence (posts and wires) for perches as well as the ground at some distance from it.

Cogswell
1950

Empidonax traillii

June 20 - Soda Springs, 6750 ft., Nevada Co., Calif. - 2 singing ("weeps-pa-deea") from willow thickets along outlet stream below L. Van Norden dam. 1 of them also flew up to telephone wire 12± ft. above tops of willows & sang from there several times. - July 4 - 1+ still singing here.

June 24 - Cisco Grove, 5650 ft., on S. Fork Yuba River, Placer Co., Calif. 2 Empidonax sp? foraging from lower branches of black cottonwoods and bare ground below them - probably this species (they were silent). Another sang from the dense riparian woodland & thickets about 300 ft. E of this spot. - In this latter spot on July 5 also (singing)

June 30 } July 19 } E. end Lake Van Norden, 6767 ft., Placer Co., Calif. - 3 singing "weeps-pa-deea" from tall willow thickets along mouth of Sugar Bowl Creek. (broad open meadow nearby).

July 2 } July 3 } " 4 } "Cowgill meadow," 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. 1 singing from willow thickets which were leafless 2 weeks ago, but are now quite fully green canopied.

July 5 Cisco Grove [see above] - 1 singing from riparian woodland.

July 22 2 singing here today; there probably are 2 pairs, 1 in ~~th~~ each of the 2 denser patches of woodland (about 8 & 20- acres, respectively).

July 23 King's Beach, 6250 ft., N end Lake Tahoe, Placer Co., Calif. 1 singing from cottonwoods & aspens along small stream

July 17 - 31 "Cowgill Meadow" [see above] - 1 singing regularly from restricted portion of the willow thickets.

Aug. 3 pair seen together here (1 was singing, other called soft pit)

Aug. 4 1 singing; Aug 11 - sang just once [last time song heard].

Aug. 14 - 21 Donner Pass region - several Empidonaces noted in riparian thickets (probably this sp.)

Cogswell
1950

Empidonax hammondii

June 17 "Cowgill meadow" 7000± ft.; 1.2 mi. SSW Donner Pass, Placer Co., Calif.
1+ *Empidonax* of the "*ké sic*, tsurp, pseet" variety sang from leafless willows (!) as well as from young red firs which occur scatteringly in this wet meadow near a giant red fir which was the hangout of a pair in 1948. The solid red fir – white & lodgepole pine forest is 300± feet away. I think these are all of this species here; but in absence of a specimen or nest, I suppose they could be *wrightii*. The birds sang this same sequence from the tops of the tall firs in 1948, & may be foraging lower now because of the remaining deep snow & cold weather.

June 20 – S of Norden, 6800 ft., Placer Co., Calif. – 2+ similar songs heard in more open lodgepole pine-red fir-Jeffrey pine forest near large Van Norden meadow & few small chaparral patches. this sp. or *wrightii*?

June 21 – Sugar Bowl, 7200 ft.; 1.4 S by W Donner Pass, Placer Co., Calif. – Similar song from a bird in tall red firs & white pines over snowbanks with scattered bare areas.

June 23 – "Cowgill meadow" & forest S of it. – On a p.m. visit today, over same area as covered in a.m. of June 17 & 20, 2 birds were heard, but they gave only the single "ké sic" call at this time of day.

June 29 – 7200 ft., ½ mi. S Donner Pass, Placer Co., Calif. – 1 giving similar song from dense patch of red & white firs near open tree + shrub-covered slopes. Judging from the *wrightii* collected on June 21, these birds could be either species. I am still at a loss as to how to distinguish them out of hand.

Empidonax hammondii

June 29 - Ice Lakes, 3-3½ mi. W, 1 mi. S Donner Pass, Placer Co., Calif. about 5 heard calling (1+ full song) on a 2+ mile hike around the lakes in p.m. The forest is rather moderate density, mostly lodgepole pine, with firs in the more moist areas. ?? this sp. of course.

July 1 to July 11 } Sugar Bowl Lodge & "Cowgill meadow" areas (see above), 7000 ft, 1 or 2 heard (usually single "hé-sic" notes) on all trips into dense forest, & the fir clump of June 17 locale.

July 19 } July 20 } 2 heard giving a 2-noted "song" (hé-sic, pseeet) from same forest & forest border areas.

July 25 1 heard giving full 3-parted "song", 2 others only 1 or 2 notes

Aug. - *Empidonax* sp.? were present in this area until at least 18th, but since they gave only the soft "pit" notes which all the species do, I cannot be sure ~~of~~ which they were.

Aug. 25 7100 ft., 1/3 mi. S Donner Pass, Placer Co., Calif. - 2 *Empidonax* sp.? calling "pit" from outer branches (at heights of 6 to 30 ft.) of firs & pines along ski trail were either this sp. or *wrightii*.

Cogswell
1950

Empidonax wrightii

June 21 - S slope "Signal Hill", 3/4 mi. W Donner Pass, Placer Co., Calif. - 2 Empidonaces foraging from lower pine & fir branches & out over dense shrubbey areas here are the most likely wrightii I've seen yet: They called a single "pséet" and "pit", so voice didn't help. The habitat is more open than even the one pair inhabiting the detached fir clump in Cowgell meadow (see E. hammondi, June 17)

June 21 (p.m.). 6200 ft., 6½ mi. W Donner Pass, Placer Co., Calif. - after 1½ hrs. or so of scouring the lodgepole pine - red fir forest, alder thickets about an old pond, & chaparral clumps among open lodgepole - Jeffrey Pine forest, one Empidonax was located at the edge of the [illegible] last vegetation type. It sang from about 20 - 40 ft. up on various trees, particularly 2 scraggly red firs on a gradual out rocky N-facing slope mostly covered by huckleberry oak, manzanita, Ceanothus sp. & a few Jeffrey Pines. I took special note of the song pattern before collecting it:

"sée-pit tsurp pséet" { was given at times with a decided drop in pitch on the middle note.

at other times it gave:

"sée-sie seezl pa-séet" { with a rattled or doubled note in the middle & not so much drop in pitch.

Upon collection (my cat. # 146) it proved to be wrightii

June 21 (cont.) with the 5th primary longer than the 10th & the outer web of the outer rectrix pale gray.

There does not seem to be any essential difference between the 1st of the 2 songs recorded above and that which I have been attributing to E. hammondii (see acct of that sp.) in the red fir belt proper. The "seezl" note ("serzel" in Peterson's "Guide") may possibly be characteristic of wrightii, when it is given. I am certain that the bird collected gave a single low middle note in a series of 3 at certain times.

July 11 S. facing slope, 6500-6300 ft., 3+ mi. S Lake Van Norden, Placer Co., Calif. - about 5 Empidonaces singing from dense chaparral & chaparral-black oak areas were probably of this sp.

Aug. 6 Daggett Pass & E. slope Carson Range E. of it, 7400-6500 ft., Douglas Co., Nev. - about 5 (this sp.?) seen (& heard - "pit" notes) in open forest of Jeffrey pine (& white fir at the lower elevation), with considerable scattered shrub understory. The character of the forest is much like that in S. Calif. mts. where this species is common.

[see also notes under E. hammondii for July - Aug.]

Cogswell
1950

Contopus ~~Myiochanes~~ richardsonii

June 17 & ff. Sugar Bowl Lodge & vicinity, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 to 8 seen or heard daily thru late June. They called "péeur" (is this a song?) and foraged over snow banks the first few days. 1 was present in same tree as held a nest in 1948, but none located there now.

June 21 7200 ft., 1 mi. W Donner Pass, Placer Co. Calif. - 3 in open Jeffrey Pine - lodgepole pine - white fir forest, with much shrubbery in interstices. Same area had 4+ olive-sideds.

June 23 Bear Valley, 4585 ft. Nevada Co., Calif. - about 5 heard in ½ hr. spent in yellow pine - incense cedar - black oak forest near large grassy meadow.

June 27 - Idlewild Park, 4600 ft., Reno, Washoe Co., Nev. - 2 in Fremont cottonwoods & other deciduous trees about a park lake.

June 27 } July 12 } - Galena Creek Camp, 6600 ft., E. side Carson Range, Washoe Co., Nev. - 2 in black cottonwoods, white firs, & Jeffrey pines of mod. dense forest.

July 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co. Calif. - 3 in less than 10 acres of black cottonwood - willow - aspen woodland, 1 of them was "singing" full "prrrit péeea".

early July Sugar Bowl Lodge & vic., + other "Donner Pass area" localities 5 to 10 encountered on every trip (2 hr. max.) into red fir - lodgepole pine - silver pine forests.

July 7 N. side Bear Valley, 4585 ft [see above] - 4+ seen in forest border, 1 of them incubating (?) on a NEST saddled on down swooping branch of a spreading black oak (Q. kelloggii).

July 11 near Sugar Bowl Lodge, 7000 ft., [see above] - pr. going frequently to a NEST on horiz. branch of a red fir near forest edge. 1 sat on nest for a few minutes at a time (incubating?).

Cogswell
1950

Contopus richardsonii

July 13] near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass,
-July 28) Placer Co. Calif. - numbers still same as early July, singing is steady early & late in day.

July 26 Galena Cr. Camp, 6600 ft., Washoe Co., Nev. - 1 sitting on a NEST (contents?) saddled on high branch of a completely leafless (recently dead) cottonwood at edge of a clearing by the stream.

early aug. near Sugar Bowl Lodge, [see above] - "singing" still frequent, the full "p tr tr-tr-ip ------ péeeur" being given only early & late in day.

Aug. 6 Carson City, 4675 ft., Ormsby Co., Calif. - 1 pair very busy at feeding 3^+ fledglings in lower branches of trees and on lawn below them in grounds of state capitol. at noon on a hot day.

mid-aug. near Sugar Bowl Lodge [see above] - vocalizing in mid-day greatly reduced, altho still heard from a few individuals. I haven't been out in early a.m., but think they are nearly silent now.

late aug. No full "péee-ur" calls recorded in 20-26th period, though the birds are still present in more or less full numbers.

Cogswell
1950

Nuttallornis borealis

1

June 17 - 7100 ft. 1.3 mi. SSW Donner Pass, Placer Co. Calif - 1 "singing" ("what-peeves-you" call) from forest bordering alder-filled clearing on steep N.-facing slope. Still much snow over this slope, even in open, & very deep in forest.

June 21 - 7150 ft. 3/4 mi. W Donner Pass, Placer Co., Calif - a pair were making frequent, ferocious, bill-snapping sallies at 2 Steller's Jays in a clump of ~~tall,~~ sparse, tall firs next to shrub thickets on S.-facing slope. This is the type of open forest (Jeffrey Pine, lodgepole pine, white fir) with much chaparral, in which this species was most often found in 1948. Presumably this pr. has a nest nearby. The jays retreated upward thru the thick fir foliage & finally flew off upslope.

- Sugar Bowl, 7100± ft. 1.4 mi. SSW Donner Pass - 2 birds together in tall dense conifers near cleared ski-slopes. Snow still deep over all forested areas except about bases of trees & in openings. Cleared slopes more than half bare.

June 24 - W. end Donner Lake, 5950 ft. Nevada Co., Calif - 3 seen in 1 hr. 20 min. spent in logepole pine - red fir forest with scattered Jeffrey pines & strip of aspen & willows along stream. One foraged a great deal from the lateral branches of aspens near the stream. The whole area is a flat valley, about 1/3 mi. wide, in marked contrast to the steep slopes usually frequented by this species.

July 1 }
July 17 } - 7100 ft. 1.3 mi. SSW Donner Pass - The bird noted on June 17 still calls regularly from the forest border on the N.-facing slopes of Disney & Crow's Nest peaks.

Cogswell
1950

Nuttallornis borealis

July 5 - 7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 3 seen in same area as on June 21 (see notes above, where Jay chased).

July 8 On a trip to this same spot today one of the group located a NEST on a horizontal branch of a 70ft. fir, some 50+ ft. from the ground, 12 ft. out from the trunk. The pair of flycatchers was again dive-bombing at a Steller's Jay which made repeated efforts to hop up the "ladder" of branches in an adjacent tree. The flycatchers came swooping thru the spaces between branches with bills snapping; & the Jay always retreated around the trunk. Foraging by the flycatchers was done over nearby huckleberry oak, manzanita, & bitter cherry shrub thickets, from perches 30 to 90 ft up.

July 9 7800 ft., 2 1/2 mi. N, 3/4 mi. W Freel Peak, Eldorado Co., Calif. - 1 "singing" from sparse lodgepole pine - red fir forest with much low shrub growth all about & some tall aspens. moderately steep slope; more or less NW-facing.

July 11 Head of Serena Cr. Canyon, 6700 ft., Placer Co., Calif. - 2 "singing" from tall Jeffrey pine - lodgepole pine - red & white fir forest on steep SW-facing slope.

July 19 } July 20 } 7300 ft., 1.4 mi. SSW Donner Pass, Placer Co., Calif. - 2 "singing" (what-péeves-you) on a 1± mile early a.m. trip to the Sugar Bowl. (one probably same individ as July 1, 17).

July 25 } July 27 } 7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - the pair still active near the NEST noted on July 8; contents still unknown.

Aug. 2 3 short-tailed FLEDGLINGS perched on lower branches of this nest tree were being fed by 1 of 2 parents (both present).

Cogswell
1950

Nuttallornis borealis

Aug. 3 7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 2 adults (far separated) seen in the general region of the above described nest, but no evidence of young; I think only one of these was in the pair's territory.

Aug. 4 to Aug. 18 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 still calls "what-peéves-you" occasionally

Aug. 6 Daggett Pass, 7450 ft., and Haines Cr. Canyon E. of it, Carson Range, Douglas Co., Nev. - 3 seen in 5 miles of open, arid Jeffrey pine forest (3 stops made with car). 1 was calling "what-peéves-you" near top of pass.

Aug. 10 W. end Donner Lake, 5950 ft., Nevada Co., Calif. - 1 "singing"

Aug. 26 Sugar Bowl Lodge, [see above] - 1 still "singing" the full "what-peéves-you" occasionally from borders of cleared ski slopes, although only the "pil-pil-pil" call is heard most of the time.

Cogswell
1950

Eremophila alpestris

June 22 (late p.m.) valley just E Boca Res., 5600 ft., Nevada Co., Calif. - many seen & heard singing in the open sagebrush, antelope brush & grass on the "flat" near the reservoir

June 25 (a.m.) Sierra Valley, 4900 ft. ±, Sierra & Plumas Cos., Calif. - very common along roadsides in sagebrush areas (higher, dry portions of broad valley). Many were singing from the air or on fence posts. In some stretches of the road N of Sattley about every 5th or 6th fence post had a lark on it.

June 28 (a.m.) E of Boca Res., 5600 ft., Nevada Co., Calif. - a NEST containing 4 young in pin feathers was found here, being placed in a depression in bare ground with ½ to 1½ inch desert pavement stones & some sparse grass & a few small lupines right nearby. The general site is in the open about 5 feet from a 1½ ft. high sagebrush bush in an area less than 15% covered with same. This is one of the sparser, grassier sections of a broad flat, with mostly typical "sagebrush" vegetation.

Photograph (50- -) taken of the nest & young. Many adults are still about; songs heard.

July 10 (a.m.) " " " " "; " ", & 1 bird watched as it sang from 250+ ft. up in the air for over 2 minutes. The nest noted above is now empty, the young probably having flown.

July 11 4:30 p.m. One adult ♂ seen carrying a pale, smooth caterpillar to a nearly grown fledgling, on open ground near the nest. The young one was well feathered with streaked breast & short tail, but could fly very well.

Eremophila alpestris

July 23 Martis Valley, 5850 ft, 3-4 mi. SE Truckee, Nevada Co., Calif. - a flock of 10±, seen over sparse sage-brush + grassland along road as we drove by.

July 24 E. of Boca Res., 5600 ft, Nevada Co., Calif. - flock of about 20, including several in streaked juvenal plumage, flew and walked ahead of us as we traversed the sagebrush flat near the nest site described on June 28.

July 26 Martis Valley, [see above] - flock of 6+ along road.

Aug. 6 Washoe Valley, 5010 ft., just N Washoe L., Washoe Co., Nev. about 20 encountered on a 1 hr. walk (round-trip) across dry grassy flat near bit of marsh + sandy lake shore.

Aug. 7 E. of Boca Res. [see above] - flock of about 150, including juvenal-plumaged individuals, which in comparison with July 24 indicates definitely increased gregariousness within 2 wks. in this same area. No songs heard on either date.

Aug. 21 5800+ ft, 1 mi. E, 4½ mi. N Truckee, Nevada Co., Calif. a flock of at least 150 wheeled up over sagebrush-covered "mesa" above Prosser Creek valley, ~~from~~ from where we looked up at them, from the drying grassland.

Tachycineta thalassina

June 23 - N. side Bear Valley, 4585 ft., Nevada Co., Calif. - NONE seen about the large, dead topped black oaks at the border of this large meadow where a colony of 30± was found in 1948. Tree Swallows are present, however..

July 7 Several (up to 10) were seen perched on the dead branches of a black oak near a large rock in the center of this same meadow, about 200 yards from the 1948 nest trees. Included in these ~~were~~ was at least one brownish-backed juvenal. They all foraged by occasional flights out over the tall grass of the meadow, which is now becoming fairly dry.

I have no (W. slope of the Sierra) records of this species closer to Donner Pass than this, altho it is common at several points about Lake Tahoe on the E. side

July 9 S. end Lake Tahoe, 6240 ft., Eldorado Co., Calif. - 1+ flying about over conifer forest, marshes, & lake shore. Certainly greatly outnumbered by Tree Swallows.

July 19 N.E. side L. Van Norden, 6780 ft., Placer Co., Calif. - 1 adult, and 1+ juvenile, flying and perching on wires near sheep corral by large meadow - accompanying Tree Swallows. This sp. does not breed at this alt. anywhere in the Donner Pass region so far as I know, so these are probably post-breeding wanderers.

July 21 N. side Bear Valley [see above] - about 20 in vicinity of on same black oaks. Several still were brown-backed.

Aug. 1 E. end L. Van Norden [see above] - 1 flying over meadow.

Aug. 4 N. side Bear Valley [see above] - about 30 present, including juveniles.

Cogswell
1950

Tachycineta thalassina

Aug. 5 (at dusk) Floriston, 5300 ft., on Truckee R., Nevada Co., Calif.
Many of this sp. present among numerous swallows flying up & down over & near the river & nearby rocks, here in "Truckee Canyon".

Aug. 7 E. side Boca Res., 5600 ft., Nevada Co., Calif. - at least 1 Violet-green flying with several Tree Swallows & many Cliffs.

Aug. 21 Prosser Cr., 5650 ft., 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif. - A flock of about 10 passed over in nearly a straight SW'ward course, crossing the valley rather than following it. I would judge them, therefore, to be actually migrating. They flew below tree top height.

Cogswell
1950

Iridoprocne bicolor

June 17 6950 ft., 1 mi. SW Donner Pass, Placer Co., Calif. - 2 seen foraging over small meadow + scattered conifer forest near S.P.R.R. snow-sheds.

- 6755 ft., Soda Springs, Nevada Co., Calif. - a ♂, perched on the gable of a small pumphouse below Lake Van Norden Dam, gave a melodious, chuckling warble almost continuously. according to R.P. Hays they nested in one of 2 holes in the edge of the roof of this building in 1949. They forage over the nearby 3± acre meadow, ski slopes, open forest, + the lake.

June 20 about 5 seen flying or perched on wires in this vicinity. There are 2 barns + some horses just across the road.

E. end Lake Van Norden, 6770 ft., Placer Co., Calif. - 3+ flying about over broad, wet meadow with a few willow thickets + over nearby forest border. they have nested in woodpecker holes in telephone poles here in prior years.

June 23 Bear Valley, 4980+ ft., Placer + Nevada Cos., Calif. - 10± seen in flight, low over the large open grassy meadow surrounded by typical Transition zone forest. Some were seen near the black oaks where Violet-greens nested in 1948.

July 4 Lake Van Norden, 6770± ft., Placer + Nevada Cos., Calif. - 10± seen, with a probable 2 nesting pairs near the sheep corral in meadow NE of lake + 3+ pairs below the dam. One was seen to enter an old woodpecker hole 15 ft up in a tall dead tree trunk at the latter locality.

July 7 N. side Bear Valley, 4980 ft., Nevada Co., Calif. - 6+ seen, including at least 1 brown-backed juvenal on the wing. Perching in same tree as Violet-greens

Iridoprocne bicolor

July 9. S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - 30± seen in 1¼ hrs. spent on marsh just back from beach near Camp Richardson: They foraged low over the lake, rising over the strip of lodgepole pines along the beach, & then down again over the wide marshlands. By far the commonest swallow here.

July 10 E. side Boca Res., 5580 ft., Nevada Co., Calif. - 2+ flying with Cliff & Barn Swallows over grassy swale & surrounding sagebrush country. Open Jeffrey pine forest (partly burned) is within a few hundred yards.

July 19 E. end Lake Van Norden, 6780 ft., Placer Co., Calif. - about 20 flying over meadow and perching on wires near sheep corral. This is big increase over breeding population (see July 4). Several in juvenal plumage.

July 30 only about 6 here today, as on ~~previous~~ other dates since 19th.

Aug. 1 at least 30, most of them near mouth of Castle Creek near W. end of lake; perches utilized on wires crossing the creek-mouth & in nearby, tall, dead lodgepole pine.

Aug. 3 (late p.m.) 7250 ft. ¼ mi. N Donner Pass, Nevada Co., Calif. - 1 flew W'd. over open slopes of granite boulders on Sierra crest.

Aug. 6 E. side Boca Res. [see above] - several foraging over grass & sagebrush.

Aug. 15 L. Van Norden, 6780 ft., Placer-Nevada Cos., Calif. 3+ (only!) seen in areas E & N of lake where common 2 wks. ago.

Cogswell
1950

Riparia riparia

June 25} June 28} 4550 ft., 1-2 mi. W Reno, Washoe Co., Nev. - Large nesting colony, of several hundred pairs, still located in soft dirt banks N of US highway 40 which runs parallel to SP RR & Truckee River here. The birds do most of their foraging across the road & RR. from the nest holes out over the grassy fields along the river. Many are killed by passing autos. They were going in & out of the holes with such slight frequency this p.m. that I think most of them are incubating.

July 9 - S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - 1+ flew over marshes with several tree swallows. The dark breast band was distinctly seen.

July 12 - W Reno, Washoe Co. Nev. — birds of the colony described above going in & out holes very much more frequently & apparently now have young in nests.

- Idlewild Park, Reno - 1+ flying over Truckee River about 1 mi. from above colony.

July 26 1-2 mi. W Reno [see above] - only a few going to & from nesting holes now. (apparently, most of the young have left & adults with them).

Aug 5 about 15 seen in air near the burrows.

Aug. 5 E. end of Reno, 4500 ft., Washoe Co. Nev. - flock of 70(± 10), including at least some juveniles, were gathering on wires along road thru truck garden & irrigated pasture land ~~[illegible]~~ about 2 hrs before sunset.

Aug. 9 - 1-2 mi. W Reno [see above] - about 5 seen.

Aug. 23 This colony entirely vacated now.

Cogswell
1950

Stelgidopteryx rufipennis

June 22 - Boca, 5500 ft; Nevada Co., Calif. - at least 4 or 5 birds of this sp. were mixed with the more numerous Cliff Swallows foraging over Truckee River and nearby sagebrush + forest border. I think they nest in a 40 ft. high gravelly dirt bank just S and below Boca Dam.

June 28 - Several seen below dam, flying close to ~~the~~ bank mentioned above.

July 10 Ditto. one person in my car saw a "swallow" fly into a hole in this bank.

Aug. 5 E. end of Reno, 4500 ft., Washoe Co., Nev. - 2+ flying over farmland ~~[illegible]~~ suburban residences, a few blocks from Truckee River.

Cogswell
1950

Hirundo rustica

June 23 - S. side Bear Valley, 4585 ft., Placer Co. Calif. - 1 flew low over broad grassy meadow surrounded by conifer forest slopes.

June 25 Sierra Valley, 4900± ft., Sierra & Plumas Cos., Calif. - numerous. Seen mostly over wet land near farm buildings.

June 27 S. of Reno, 4600± ft., Washoe Co., Nev. - 2+ noted in flight over pastured farmland bordering US highway 395. Many cottonwoods & other trees about the farm buildings & along the fence rows.

July 10 } E. ~~of~~ side Boca Reservoir, 5580 ft., Nevada Co. Calif. - 2 (=a pair?)
July 11 } individuals seen flying in & out from under a low wooden culvert over the slightly marshy inlet to an eastward bay of the reservoir. They foraged mostly over the 4± acre grassy swale close to the culvert, sometimes on over the reservoir or up over dry sagebrush on the adjacent higher slopes. The pair were flushed from under the culvert on p.m. of July 11.

July 12 Verdi to W of Reno, 4800 - 4500 ft; Washoe Co, Nev. - 6 or 7 noted in flight over grassy fields along 8± mi. of highway.

July 24 E. side Boca Res. [see above] - about 5, including 2+ juveniles flying over grassy swale near July 10-11 nest area, & perching briefly on the 5 ft. high twigs of a driftwood tree along the shore.

July 26 S. of Reno, 4600± ft., Washoe Co., Nev - 2 over grassy farmland.

July 27 Prosser Cr. 5650 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. 1 flying over grassy valley (with gravelly stream) in sagebrush country.

Aug. 5 S. & E. of Reno, 4600-4500 ft, Washoe Co, Nev. - many seen in farmland areas & over marshes toward & S of Truckee R.

Cogswell
1950

Hirundo rustica

Aug. 6 Carson City & Reno areas, Nevada — several noted at various points along US Route 395.

Aug. 7 E. side Boca Res., 5580 ft., Nevada Co., Calif. — 2 still present near nesting area (see July 10-11).

Aug. 9 W & S of Reno, 4500± ft., Washoe Co., Nevada — about 8 seen while driving highways in & out of Reno.

Aug. 18 Bear Valley, 4575 ft., Placer-Nevada Co. line, Calif. — a NEST placed 7 ft. up on the quite smooth concrete wall of a new culvert over the Bear River held 4 large young. One adult came in and alighted on the edge of the nest; then, as I walked under the 8± ft. high culvert, all of them flew out & up over nearby meadow. The flight of the young birds was weak in comparison to the adult's, but they continued on around the meadow for at least a minute or two. Whether it was their first flight or not it is impossible to say. A second adult bird (♂?) showed up when the commotion of calls from those disturbed began. The culvert, built within the last year or 14 mos., is much ~~the~~ smoother than the usual nest sites selected by this species.

Aug. 23 W. & S. of Reno, 4500-4600 ft., Washoe Co., Nevada — several seen along highway in farmland areas (as usual) and over the now nearly dry Little Washoe Lake, 5020 ft. — the first there this season on any of our trips.

Cogswell
1950

Petrochelidon pyrrhonota

June 20 L. Van Norden, 6780 ft., Placer & Nevada Cos., Calif.
1 seen flying over meadow E. of lake and 1 near horse barns by the dam -- both of them flying with ~~cliff~~ Tree Swallows, which nest nearby; but I know of no breeding place of Cliff Swallows in the Donner Pass region, altho individuals were present in 1948 also (when a colony in Truckee was destroyed by house owner knocking down nests).

June 22 Boca Reservoir, 5580 ft., Nevada Co., Calif. — at least 30 present, flying up and down over sagebrush & grass slopes near the dam, ~~[illegible]~~ on the spillway of which they are apparently nesting. They also flew over the Truckee River nearby, later in p.m.

June 25 - Sierra Valley, Sierra Co. Calif. - many seen in & near Sierraville, near Sattley, and N. of these points.

June 27 - W. & S. of Reno, Washoe Co., Nev. — several seen over farmland (& over Idlewild Park in W. part of Reno)

- Little Washoe L., 5020 ft., Washoe Co., Nev. - 3+ over.

June 28 Boca Res. [see above] — about 50 present.

June 30 Soda Springs, 6750 ft., Nevada Co., Calif. - about 15 on wires near horse barns below L. Van Norden (cf. June 20).

July 4 - 1 (only!) here. Also 1 near E end L. Van Norden.

July 9 Truckee, 5850 ft., Nevada Co., Calif. — several flying over river valley E. of town.

July 10 E. side Boca Res. [see above] — an est. 100± flying over sagebrush flat with several grassy swales near the reservoir.

July 18 N.E. end L. Van Norden, 6800 ft., Placer Co., Calif. - 1 juvenile on wires with Tree Swallows. 1 Cliff Swallow here on 22nd also.

Cogswell
1950

Petrochelidon pyrrhonota

July 24 Boca Res., 5560 ft., Nevada Co., Calif. - an estimated 150 seen over flats E of reservoir and in the gorge below the spillway. We stopped to look at the nests which are placed in about 5 (or 6?) rows in the angles between the overhead & its supporting beams. Some nests had open fronts (= 1949 nests?), but many had the full gourd shape. Birds were going to several of these frequently, & ads. were seen peering out of some. No count made, but no. nests somewhere above 30.

July 26 along highway US-395, S of Reno, Washoe Co., Nev. - about 10 seen

Little Washoe Lake, 5020 ft., Washoe Co., Nev. - about 20 est. in a very open flock foraging high above lake. This sp. was present here regularly in 1948 also, probably nesting in nearby village of Washoe.

July 27 - Prosser Cr., 5650 ft., 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif. - 50± flying about over grassy valley & nearby sagebrush slopes. They nest here on the old (now abandoned) "Prosser House" (stage station?).

- Little Truckee R., 5800 ft., Sierra Co., 3 mi. E, 5 mi. N Hobart Mills, Calif. - about 20 seen near the iron bridge, under which they are nesting. This valley is much like the Boca & Prosser Cr. areas in general physiognomy, & is directly upstream from former.

Aug. 1 L. Van Norden, 6800 ft., Placer + Nevada Cos., Calif. - about 20 present, in flight over meadow & lake or perched on wires by mouth of Castle Cr. one+ of these was a juvenile.

Cogswell
1950

Petrochelidon pyrrhonota

Aug. 5 S. & E. "suburbs" of Reno, Washoe Co., Nev. - several dozen seen in farmland & over residential areas.

-Floriston, 5300 ft., on Truckee R., Nevada Co., Calif. many flying up & down over river in this rocky canyon area at dusk.

Aug. 6 N. end Washoe Lake, 5010 ft., Washoe Co., Nev. - several flying over grassland - marsh area (far from any buildings or bridges).

Aug. 7 Boca Res., 5560 ft., Nevada Co., Calif. - only about 30 noted near the nesting colony & over the same sagebrush area where 150 noted 2 weeks ago.

Aug. 13 L. Van Norden [see p. 2] -- about 10 present.

Aug. 15 at least 15 present today, the commonest swallow here now that most of the Tree Swallows have (apparently) gone.

Aug. 17 Little Truckee R., 5800 ft. [see p. 2] - 2^+ seen flying near the steel bridge, on which there are about 10 nests.

Cyanocitta stelleri

[N.B. - see also Nuttallornis borealis for June 21, July 8]

June 17 & ff. to early July - W & SW of Donner Pass, 7200-6000± ft., Placer & Nevada Cos., Calif. - Seen or heard frequently in the forested areas, seemingly more common than in 1948, altho this may be due to mere shifting of location of some pairs to spots I visit frequently. There are at least 2 pairs in the forest edge by Sugar Bowl Lodge & about the fir clumps in Cowgill meadow w. of it. 2 pairs also on Signal Hill, 3/4 mi. W of the pass (open Jeffrey pine forest + many shrubs). Maximum no. seen in any 2 hr. class period was the 4 on Signal Hill. No nests found.

June 24 - W. end Donner L., 5950 ft., Nevada Co., Calif - about 5 in the lodgepole pine forest on flat W of lake, 1 or 2 of them ranging into adjacent aspens along a creek.

June 30 - Big Bend Camp Ground, 5800 ft., Placer Co., Calif - about 5 seen or heard in 10± acre stand of tall, old, white firs, Jeffrey pines, etc. 3 came to my owl call, along with many smaller birds.

July 1 Yuba Gap, 5800 ft., Nevada Co., Calif - 2 seen in Jeffrey pine - white fir - Incense cedar forest near a small lake.

- N. side Bear Valley, 4585 ft., Nevada Co., Calif - 2 in dense yellow pine - incense cedar forest near bordering black oaks.

July 23 - S of High Meadow, 8000± ft., Carson Range, Eldorado Co., Calif. 1 heard in red fir - Jeffrey pine forest near aspens.

late July. W. & SW of Donner Pass [see above] - numbers & locales about same; still no nests located, but probably now in use. 8 jays at Big Bend Camp Grd 5800± ft. on 30th.

Cogswell
1950

Cyanocitta stelleri

Aug. 4 N. side Bear Valley, 4590 ft., Nevada Co., Calif. - about 5 seen in 1 hr. spent in yellow pine - incense cedar - black oak forest edge bordering on broad meadow. They were very noisy, scolding us from high in the trees - the behavior indicating a pair with fledglings.

Aug. 5 lower Truckee Canyon, 5100 ft., Sierra Co. Calif. near Nevada line, 1 seen along US Route 40 - in Jeffrey pine, incense cedar (few), mountain mahogany area (where Scrub Jays have also been seen)

Aug. 7 (p.m.) near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co. Calif. - 5 or 6 seen or heard in 1/2 mile walk thru mod. dense red fir - lodgepole & silver pine forest without significant "edge".

Aug. 11 A flight of jays this morning went in a straggling stream almost due northward, flying across the wet Cowgill meadow and on into this same patch of forest. I counted 10, 7, 5, & then scattered individuals totalling about 10 more came by. This seems to be a definite movement of a flock, which I did not know occurred in the Steller's Jay. I could see them over a range of perhaps 1/5 mile maximum ~~area~~, distance & they moved more or less steadily along, only perching for a few seconds now & then.

mid. & late Aug. Other than this flight, about the usual 1 to 4 were noted on a majority of over 2 hr. trips afield.

Aug. 21 5900 ft., 1 1/2 mi. N, 1 mi. E Truckee, Nevada Co. Calif. 1 seen in arid, open forest of Jeffrey pine & low sagebrush.

Cogswell
1950

Aphelocoma coerulescens

(NE¼, Sec. 16, T18N, R17E).

June 22. 5650 ft., 2 mi. N Boca, Nevada Co., Calif.-, 1 seen flying between pines (*P. ponderosa* ssp.?) on SW-facing slope just above Boca Reservoir. The light breast & brown back were both seen. The vegetation here is typical arid Transition zone forest, i.e., Jeffrey and/or Yellow pines in open spacing, with low sagebrush & antelope brush (*Purshia*) in all interstices. There is a completely tree-less flat just S. of this slope; and a few desert juniper bushes were seen on the SE-facing slope whence the bird came. I know of no pinyons within many miles, altho some may be present on or near Verdi Peak to the NE. As it was already past sunset I could not follow the bird farther. There are certainly no oaks within many miles (nearest oak trees are in Transition zone on W side of Sierra).

June 27 5200 ft., Truckee Canyon just N of Nevada Co. line, Sierra Co., Calif.- 1 seen in open Jeffrey pine - incense cedar forest with some *Cercocarpus ledifolius*, *Prunus* sp., & sagebrush & antelope brush in interstices. No juniper (& no oaks) within sight. This is 1½ mi. within Calif. on US highway # 40 & about 6 mi. NE of above locality.

5700 ft., 4½ mi. W Steamboat Springs, Washoe Co., Nevada - 1 seen perched atop a tall *Purshia* bush in area of tall dense stand of same + *Artemisia tridentata* on alluvial fan E of Carson Range. This is the exact locale in which we noted this sp. ~~frequently~~ several times in summer of 1948.

Aug. 6 Kingsbury Grade (Nev. Rt. 17), 5800 ft.; 2.8 mi. S, ½ mi. W Genoa, Douglas Co., Nev. — 2 immatures flew by easy stages up the steep S to SE-facing slope, which is sparsely dotted with 1 to 60 ft. high Jeffrey pines & has a low "sagebrush" formation of *Artemisia tridentata*, *Purshia tridentata*, & a few somewhat higher *Arctostaphylos patula*. The first one seen was silent & spent a good deal of time in the manzanitas until I flushed it out, when it flew on to small pines. The other came up to investigate & called the harsh "jai-ick" note several times. Both had the central rectrices (1 or 2 pairs) quite gray, top of head gray brown extending over nape onto somewhat browner back. The superciliary was evident, tho narrow & not pure white; the necklace seemed to be represented chiefly by a slight brownish suffusion at the sides. The blue of wings & part of tail was pale.

– 4750 ft., 1 mi. S & slightly E Genoa, Douglas Co., Nev. 2 seen in 50 ft. high Fremont cottonwoods along irrigation ditch by road which skirts W side of marshy Carson Valley, with low sagebrush upslope to west. Both were immatures, 1 had 2 central rectrices long, all the others short & seemingly bluer. ~~Pale~~ Blue of wings & lack of a distinct necklace were noticeable. Both of them flew back & forth between trees 100 ft. apart–

Aphelocoma coerulescens

Aug. 6 4900 ft., 3 mi. N, 1½ mi. W Carson City, Ormsby Co., Nev. 3 seen together in larger bush (sp.?) amid low sagebrush formation on N facing slope of small, dry canyon up which US Route 395 contours on opposite slope. At least 2 of them were in brownish-gray head plumage. One called "jái-ick" several times. The only trees nearby are cottonwoods in Eagle Valley downslope to SE and numerous planted trees at "Lakeview" ¾ mi. to NW on divide between Carson & Washoe drainages.

Aug. 23 Geiger Grade (Nev. Route 17), 5200 ft., 1 mi. E, ¼ mi. N Steamboat Springs, Washoe Co., Nev. - definite "jái-ick" calls of this species heard in pinyon - juniper woodland in small canyon below 2 of the stunted Jeffrey pine islands (on altered andesite). This is perhaps ¼ mile within the pigmy conifer belt of the Virginia Range, and is our first record for this sp. on our bi-weekly visits to this or similar spots; but since we spend only 20 - 30 min. in it, they may be actually quite regular here.

Cogswell
1950

Pica pica

June 27 Little Washoe Lake, 5020 ft., Washoe Co., Nev. - 1 flew across lake from sagebrush into cottonwoods on W bank.

July 26 2 seen in tall sagebrush SE of lake.

Aug. 6 Washoe Valley E & NE Washoe L., 5050 ft., Washoe Co., Nev. 2 seen in sagebrush - antelope brush - vegetation, with a few cottonwoods within sight.

Aug. 9 Truckee Canyon, 5200 ft., along US Route 40, extreme NE Nevada Co., Calif. - 2 flew low across road in open forest of Jeffrey pine + tall shrubland. The Truckee River ~~is~~ within 200 yards.

[Aug. 9] - Pleasant Valley, 4800 ft., 1+ mi. SW Steamboat Sprgs., Washoe Co., Nev. - 1 seen by others, ~~of~~ ahead of me in the 4 car Audubon party. This is partly irrigated grassland with Fremont cotton-woods & Lombardy poplars as windbreak & dooryard trees nearby.

Aug. 17 Little Truckee R. valley, 5900 ft., Sierra Co. 3 mi. E, 5+ mi. N Hobart Mills (Nev. Co.), Calif. - 2 seen in open Jeffrey pine forest near low, sparse sagebrush flat (stony ground) about 1/8 mi. from the river. A few junipers (sp.?) were also present in the forest edge, 1 of them at least 20 ft. high; the magpies flew from (or near) this tree.

Aug. 23 Truckee Canyon, 5200 ft. [see above] - 1 seen in almost exactly same spot as on Aug. 9.

Cogswell
1950

Corvus brachyrhynchos

June 25 4980 ft. 1 mi. N Sattley, Sierra Co., Calif. - 3 flew over wet pastureland; 1 of them "cawed" twice.

- 4890 ft. 6½ mi. N Sierraville, Sierra Co., Calif. - 1 flew northward over the very marshy (low sedges, etc.) pastureland in this central part of Sierra Valley. It was being harrassed by 6 or 7 blackbirds.

Cogswell
1950

Gymnorhinus cyanocephalus

[July 12] - Geiger Grade, 5400 ft., 1+ mi. E Steamboat Springs, Washoe Co., Nev. - 1 seen in pinyon-juniper woodland on W slope of Virginia Range, by Dr. Joel Gustafson & others in his [leading] car.

Aug. 23 I heard the querulous "kée-ah" calls of this species, apparently from only a few birds, in a small canyon just below above locality.

In 1948 we once encountered a flock of about 25 near here.

Cogswell
1950.

Nucifraga columbiana

June 21 - NW face Mt. Lincoln, 8300 ft., Placer Co., Calif. - 1 calling from hemlocks over the still deep snow banks above the Sugar Bowl Cliffs.

June 24 - (6:20 a.m.) 7500 ft., 1.4 mi. SSW Donner Pass, Placer Co., Calif. - 1 alighted in W. white Pine on NE slope of Disney Peak; it called "k-r-r-ă-ck" a few times then flew on to the W towards L. Van Norden. This is about 1 mi. from last locality.

June 27 8730 ft., 1/3 mi. N Mt. Rose - Slide Mtn. saddle, Carson Range, Washoe Co., Nev. - about 5 seen during 1/2 hr. stay in small area of whitebark pine, mtn. hemlock, W. white pine, & lodgepole pine — at, therefore, extreme lower edge of Hudsonian zone. Persistent nasal "w-r āāak" calls heard here today may have come from young birds; but none were seen for sure.

June 30 5900 ft., Big Bend, S. Fork Yuba R., Placer Co., Calif. - 1 heard calling from scattered Jeffrey pine - incense cedar - white fir forest on S. facing slope near extensive chaparral areas of Rattlesnake Mtn. This is an early date for such a low altitude.

July 8 7300 ft., 1 mi. W Donner Pass, Nevada Co., Calif. - 1 calling from Jeffrey pines above shrub-covered slope.

July 12 8730 ft., 1/3 mi. N Mt. Rose - Slide Mtn. saddle, Washoe Co., Nev. - 5 or 6 heard, 2^{+} of them seen in same area as on June 27. A dead one, in worn (juvenal?) plumage, was found, with body swarming with fly larvae.

July 20 Disney Peak [see above] - 2^{+} in same area as on June 24.

Cogswell
1950

Nucifraga columbiana 2

July 23- High meadow - Freel Peak trail, 7800 - 9000 ft., Carson Range, Eldorado Co. Calif. - 4 encountered in the 1 hr. 20 min. of hiking up, about 3/4 mi. airline distance thru the red fir - lodgepole pine - silver pine forest belt.

-from above point, W of Star Lake, past the lake and Southward up steep slope to W slope Job's Sister Peak, 9000 - 10,200 ft. — 14 counted in 1 hr. 30 min. (and another 3/4+ mi. air-line distance) of hiking through the whitebark pine — mountain hemlock zone (up to lower edge of a rather broad krümmholz zone). Several were very tame.

-above tree-line on Freel Peak, Job's Sister, 10,200 - 10,900 ft. - 8 seen in the low krummholz whitebark pines of the cirque between the peaks or flying over the barren slopes above. The peaks are 1/2 mi. apart.

July 26 8730 ft., 1/3 mi. N Mt. Rose - Slide Mtn. saddle, Carson Range, Washoe Co., Nev. - 20 (est.) seen or heard in the open subalpine woodland of lodgepole pine, whitebark pine, silver pine, & mountain hemlock during 30 min. we spent there. (cf. June 27, July 12). Several were very tame, allowing approach to within 20 feet as they clambered over needle clusters of the hemlocks & pecked at bases of needles (to get? a green beetle ~~s~~, which is common here now).

Nucifraga columbiana

July 27 S. side "Signal Hill," 7200$^+$ ft., 3/4 mi. W Donner Pass, Placer & Nevada Cos., Calif. - 6 seen in same area as on July 8.

- Disney Peak [see p. 1]. 4 flew over in p.m.

July 31 7100 ft., 1/2 mi. S Donner Pass, Placer Co., Calif. - 3$^+$ flew over, headed southward parallel to Sierran crest. Much moving about of individuals & small groups is apparent from last several records.

Aug. 6 6300 ft., near S.E. end Lake Tahoe, Eldorado Co., Calif. - 1 walking on ground amid scattered manzanita bushes under edge of dense second growth Jeffrey pine forest.

- Haines Cr. Canyon, 5500-5000 ft., e. side Carson Range, Douglas Co., Nev. - about 5 seen while driving down "Kingsbury Grade" - all of them in or near Jeffrey pines with a few white firs mixed near canyon bottom.

- 4900 ft., 1 mi. S Verdi, Washoe Co., Nev. - 1 flew steadily southward (toward Mt. Rose) at about 300 ft. alt. across the Truckee River valley here in late p.m. This is just about at lowermost limit of conifer trees on the slopes, the area being mostly sagebrush + grass.

Aug. 9 8730 ft., 1/3 mi. N Mt. Rose - Slide Mtn. saddle, Carson Range, Washoe Co., Nev. - about 5 seen on 40 min. stop (cf. July 26 & previous dates). [about 10 here on Aug. 23].

Aug 8, 10, 11, Aug. 16 } slopes of Disney Peak, 7500$^+$ ft. [see p. 1] - 1 or 2 heard.

Aug. 17 - 6000 ft., 1 mi. NE Truckee, Nevada Co., Calif. - 1 flying over Jeffrey pine - sagebrush woodland along flat near Truckee River.

Aug. 21 7000 ft., 1/3 mi. SW Donner Pass, Placer Co., Calif. - 2 (calling) flew directly over a 20$^\pm$ acre forest fire at an altitude of about 250 ft. (3x tree top height).

Cogswell
1950

Parus gambeli

1

June 17 & ff. Sugar Bowl Lodge & vicinity, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Frequent, but seemingly less common than in 1948, ~~in~~ in lodgepole pine - red fir forest ~~about~~ about the lodge. An old nest hole by RR xing, is occupied by a pair (same pr.??) for the 3rd successive year. Few songs heard.

June 23 } July 7 } Bear Valley, 4985 ft., Nevada Co., Calif. - 2 in yellow pine - incense cedar - white fir forest (½ hr stop).

June 23. N base "Crow's Nest Peak", 7100+ ft., 1.3 mi. W, 1 mi. S Donner Pass. - A NEST found in natural crevice at the top of a 5 ft. long barkless scar in the S side (upslope) of a 30 ft. high stub closely surrounded by live trees. The entrance is about 10 ft. above ground, and there is a Red-breasted Nuthatch's nest near the top of the stub.

see insert of other observer's notes on this nest, June 26 }

June 24. W. end Donner L., 5940+ ft., Nevada Co., Calif. - 3 seen in lodgepole pine forest during 1 hr. 20 min. walk.; 1 of them entered a hole in the side of a 2 story abandoned building — about 20 ft. from a similar 1948 nest site.

June 27 - Galena Creek Camp, 6600 ft., E. base Carson Range, Washoe Co., Nev. - 2 seen during 1 hr. (in early p.m.) spent in Jeffrey pine - white fir forest with black cottonwoods along the stream.

- 8730 ft., 1.2 mi. SSE Mt. Rose, Washoe Co., Nev. - 2 heard (1 seen) in whitebark pine - white pine - lodgepole pine - mountain hemlock forest of typical open nature for this altitude.

July 3 Sugar Bowl Lodge vicinity, 7000 ft. (see above) - 2+ heard singing in conifer forest.

July 4. 6800 ft. near Norden RR Sta., Placer Co., Calif. - A nest hole 8 ft. up in a large dead stump by 2 lodgepole pines near edge of open meadow & road. Pair carrying food often.

Chickadee Nest Observation - Thursday, 8-10 A.M. - July 6, 1950.

(by Claire Madison and Mr. Dennison)

This Chickadee nest is in the hollow of the trunk of a dead lodge-pole pine tree. (The opening looked like a big keyhole!) This tree is along the roadside, in a meadow. There was no underbrush nearby. The nest was up about 5 feet from the base.

The female Chickadee flew in and out of the nest constantly. Usually she stopped at the opening a quarter to a half minute, - just long enough to shove the food in, and dart away after more. ~~Some~~ Most of the times this went on and on at one-minute intervals. Two trucks went by, but that didn't throw Mrs. Chickadee off schedule.

One time she heard a Jay, and didn't come near the nest for nine minutes. One time she flew from tree to tree in a great semi-circle, and was away four minutes. One other time she stopped to preen for a minute. Otherwise, - she was in and out, - in and out.

This Chickadee flew one time to the ground, among the grasses, the time she was away the longest. Other than that, she foraged among the nearby trees, - almost never higher up than 20' to 25'. She always stopped at the living tree that was right along side the old dead trunk, - then flitted in —— and out.

Just as we left, we looked in, and up popped the head of an almost full-grown young Chickadee, - then down he ~~hopped~~ dropped, so he'd be hidden again.

11:10½ Flew to a high Pine about 80 ft away and foraged.

11:12 Returned to nearest tree, then into nest.

11:15 Foraged in 3 smaller pines returning with food.

11:16 For the past few minutes, young have been back into the nest, but come again to the edge and give food call.

11:17 Parent flies to edge of nest with food and out immediately.

11:18 " "

11:19 In and out with white substance again and to the same position to deposit it.

11:20 From the nearest pine flew in again with food.

11:21 Repeat.

11:23 Foraged in farthest tree, returned with food and flew out.

11:24 Repeat.

11:25 " and flew to nearest tree and sang, rather call.

11:26 From nearest tree returned with food.

Observed by: HAZEL JESCHIEN
Anita P. Levin
Katherine Schumaker

JULY 6,
1950

Observation and Study of Mountain Chickadees nest, in an old Woodpecker hole about 7 feet up in an old snag.

10:32 A.M. Parent flew into the nest from the lower branch of a Lodgepole Pine a few feet from the nest with food in its beak. Flew out immediately.

10:35 Foraged in the Pine, and returned with food. Remained about 30 seconds.

10:39 Returned with food and left immediately.

10:41 Returned from twigs of the same tree after foraging and flew from the lower twigs into nest and out.

10:43 Repeated above.

10:44 " "

10:45 " "

10:46½ " "

Foraged in taller Lodge Pole just behind the nest

10:50 Returned with food and left in less than a minute.

10:51 Flew down to the ground, then foraged in several Pines across the road about 30 ft. away.

10:57 Flew to nearest branch, then into the nest with food and out.

10:58 Young birds (2) come to the entrance and give the food call.

11:00 Parent returns to nest, first alighting on that lower branch and puts food into mouth of young. Went back to the pine 30 ft. away.

11:02 Returns again with food.

11:04 From a taller Pine a little farther away, flew upon the trunk for an instant just above my head with beak full of red food, then flew directly to edge of the nest and delivered food.

11:05 From the nearest Pine foraged and returned with food.

11:06 Repeated above.

11:07 " "

11:10 " " and flew out with white substance in its mouth (excrement) and flew into the Pine near by.

10:57 Flew to nearest branch, then into the nest with food and out.

10:58 Young birds (2) come to the entrance and give the food call.

11:00 Parent returns to nest, first alighting on that lower branch and puts food into mouth of young. Went back to the pine 30 ft. away.

11:02 Returns again with food.

11:04 From a taller Pine a little farther away, flew upon the trunk for an instant just above my head with beak full of red food, then flew directly to edge of the nest and delivered food.

11:05 From the nearest Pine foraged and returned with food.

11:06 Repeated above.

11:07 " "

11:10 " " and flew out with white substance in its mouth (excrement) and flew into the Pine near by.

11:10½ Flew to a high Pine about 50 ft away and foraged.

11:12 Returned to nearest tree, then into nest.

11:15 Foraged in 3 smaller pines returning with food.

11:16 For the past few minutes, young have been back into the nest, but come again to the edge and give food call.

11:17 Parent flies to edge of nest with food and out immediately.

11:18 " "

11:19 In and out with white substance again and to the same position to deposit it.

11:20 From the nearest pine flew in again with food.

11:21 Repeat.

11:23 Foraged in farthest tree, returned with food and flew out.

11:24 Repeat.

11:25 " and flew to nearest tree and sang, rather call.

11:26 From nearest tree returned with food.

Parus gambeli

July 5 7100 ft., 3/4 mi. W Donner Pass, Placer Co. Calif. - 3+ seen flying several hundred feet at a time across shrub-covered & bare slopes between scattered Jeffrey pines & white firs. Is this post-nesting dispersal?

5650 ft., Cisco Grove on S. Fork Yuba R., Placer Co. Calif. - 1 heard in lodgepole & Jeffrey pines on flat near cottonwood-willow riparian woodland.

July 6 6800 ft. near Norden R.R. Sta., Placer Co. Calif. - the pair at nest discovered on July 4 were watched this a.m. by 2 groups of people from the Audubon camp. Their original records are inserted after this page. The young birds in the nest are obviously nearly ready to leave. [were gone by next evening]

July 11 6800-6400 ft., Ice Lakes S along Am. Riv. Canyon Rd., Placer Co. Calif. - 3 heard singing in early a.m. in conifers.

July 12 8730 ft., 1.2 mi. SSE Mt. Rose, Washoe Co. Nev. - 1 seen in 1 hr. spent in < 1/2 mi. of subalpine forest [see June 27].

mid- & late July near Sugar Bowl Lodge & other "Donner Pass" areas. - 1 to 5 encountered on all field trips (2 hrs. each, usually) which encompassed any forest areas. Singing has definitely ceased except for a few early in a.m. (July 20). A "flock" of 5+ (family?) was noted on 25th.

early Aug. ditto - - but seemingly somewhat more numerous in forest by the lodge (about 30 in 1½ hrs. walk there on 3rd).

Aug. 7 14 counted in about .6 mi. of fairly dense red fir - lodgepole & silver pine forest traversed between 3 & 4:30 pm. None are singing now.

Parus gambeli

Aug. 9 8730 ft., 1.2 mi. SSW Mt. Rose, Washoe Co., Nev. - about 5 seen on a similar coverage to those of June 27 & July 12 (q.v.).

Aug. 10 Ice Lakes, 6900 ft., Placer Co., Calif. - about 20 encountered in 1¼ hrs spent in late a.m. in lodgepole pine - red fir forest on stony "flats" NE of lake.

Aug. 11 7100 ft., ⅓ to ⅔ mi. S Donner Pass, Placer Co., Calif. about 20 in 1½ hrs. in a somewhat more patchy, but similar forest. These two records indicate some flocking of the chickadees, which were mixed in 2 or 3 ~~small~~ "aggregations" of various other small birds.

Aug. 18 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - about 20 in ⅛ mi. traverse of red fir - lodgepole & silver pine forest (in p.m.).

Aug. 24 Ice Lakes [area NE of Dulzura L.], 6900 ft., Placer Co., Calif. - an estimated 50 encountered in 1 hr. 25 min. spent in same area & same time of day as on Aug. 10 (q.v.).

Aug. 25 - same area as on Aug. 11 - about 30 encountered on a similar coverage.

These last two records were of birds mixed with nos. of audubon & other warblers, both nuthatches (white-br. & Red-br.) & a few other small birds.

Cogswell
1950

Sitta carolinensis

June 24 N side Disney Mtn., 7300 ft. 1.3 mi. SSW Donner Pass, Placer Co., Calif. A pair carrying insects into nest hole about 25 feet up in a large, broken-off trunk of a red fir. The surroundings are a very open (partially cleared) ski slope with considerable rock exposure. The birds flew to the nest from the scattered trees of the NE face of the mountain (also a ski slope) rather than from the denser fir forest 500 feet below the nest.

July 22 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. - 1 pair seen foraging on trunks & large limbs of the tall Black Cottonwoods along stream.

July 31 Sugar Bowl, 7300 ft., 1.4 mi. S by W Donner Pass, Placer Co., Calif. - 1 heard calling from sparse red fir-silver pine - lodgepole pine forest edge, just below a steep, semi-barren rocky slope.

Aug. 1 N. side L. Van Norden, 6800 ft., Nevada Co., Calif. - 1 seen in lodgepole pine - red fir forest.

Aug. 3 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1 flew erratically several times around a detached clump of firs, veering sharply downward, up, around the trees, & finally alighting suddenly on the trunk of one.

Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass - 1 ♂ seen in red firs. The last 4 records indicate some up-mtn. movement.

Aug. 6 Sugarpine Point, 6300 ft., w side L. Tahoe, Eldorado Co., Calif. 1 flew across road & into trunk of a tall pine at forest edge.

Aug 10, 12, 13 } Sugar Bowl Lodge [see above] - 1 seen in forest near lodge, or (on 13th) clambering over 3-story front of lodge itself.

Sitta carolinensis

Aug. 14, 15, 16, 18 } Sugar Bowl Lodge + vicinity, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 or 2 (usually 2) seen or heard on each 2-hr. class trip in nearby forest or forest-edge areas. An influx from other, presumably lower altitude, areas is defenitely indicated.

Aug. 22 6300 ft., 3+ mi. S L. Van Norden, Placer Co., Calif. - 1 in ~~lodgepole~~ Jeffrey pines, white firs, + small black oaks along edge of extensive chaparral area.

- Onion Cr. Canyon, just below last loc., 6050 ft. 1 seen in cottonwoods (few) along stream.

Aug. 23 Galena Cr. Camp Ground, 6600 ft., Carson Range, Washoe Co., Nev. - 1 seen in close grove of Jeffrey pines, white firs, + black cottonwoods on gravelly + bouldery alluvial fan at mouth of canyon.

Aug 24, Aug. 25 } Sugar Bowl Lodge + vicinity [see above] + Ice Lakes area, 1½ mi. S Soda Springs - 1 seen on each of 4 two-hour excursions.

General:

Altho during the nesting season, and also to some extent thruout the summer, this sp. seemed to be absent from the denser forests (where S. canadensis was found), the influx of mid-August carried a number of them thru all forest types + even into the same aggregations as S. canadensis.

Cogswell
1950

Sitta canadensis

1

June 17 vicinity of Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass,
& ff. Placer Co., Calif. - 1 seen in red fir - white pine - lodgepole pine forest on N. facing slope. Heard at other similar points on subseq. days; but seemingly far less common than in 1948.

June 23} N side
July 7} Bear Valley, 4585 ft., Nevada Co., Calif. - 1 calling from dense stand of young yellow pine, incense cedar, & white fir.

N base "Crow's Nest" Peak, 7100+ ft., 1.3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. a ♀ carried food several times during 20 min. watch into a newly made nest hole about 25 ft. up in a barkless stub some 30 ft. high & 6+ inches diam. at the level of the nest. This is the same stub as contains the chickadee nest. There is quite a bit of staghorn lichen near the nest hole & on nearby short branches.

June 24. This ♀ still carrying food, which is apparently obtained in dense red fir - white pine forest which surrounds nest on 3 sides (small opening is upslope). No ♂ seen

June 26. This nest watched by 2 of my students, their record, in blue ink, is inserted.

Observations on Nuthatch - nest in top of dead tree (near the top)
~~white~~ red breasted Nuthatch
8:42 - saw nuthatch at nest (= ♀?)
9:02 " " " " " - flew away
9:08½ " " " " , " "
9:09 " " " " " "
9:16 male in & out of nest
9:29 nuthatch still away from nest.

} observations by Mr. Brown and Miss D. Houck (Audubon campers) on June 26, 1950.
8:24 - 9:30 a.m. P.D.S.T.

Cogswell
1950

Sitta canadensis

June 29 (p.m.) Ice Lakes, 6900 ft., 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. - 1 (only) heard in 2± mile hike thru lodgepole pine - red fir forest around the lakes.

June 30 - Big Bend Camp Grd., 5800 ft., on S. Fork Yuba R., Placer Co. Calif. 2 came (with other birds) to my owl call imitation in area of tall, dense white fir & Jeffrey pines

July 4] July 6) near Norden R.R. Sta., 6800 ft., Placer Co., Calif. - 1 foraging on trunks of sparse lodgepole pines near border of large open meadow.

July 11 - slope of Am. River C. S of Ice Lakes (see above) - 2 heard (1 seen) in Jeffrey pine - Sugar pine - white fir forest.

July 17] - July 20] Sugar Bowl Lodge & other areas near Donner Pass - 1 or 2 found on most of our 2-hour class trips

July 21 Yuba Gap, 5800 ft., Nevada Co., Calif. - 1 heard in fir-pine forest by small lake.

- N. side Bear Valley, 4580 ft., Nevada Co. - 1 in dense yellow pine - incense cedar - black oak forest.

July 23 - near Star Lake, 9300 ft., Carson Range, Eldorado Co., Calif. - 1 heard & seen in open subalpine "woodland" of mountain hemlock & whitebark pine along Freel Peak trail.

late July - Sugar Bowl Lodge & vicinity [see above] - 1 to 3 recorded ~~per~~ on most 2-hr trips in forest.

Aug 3 at least 10 in one flock, mixed with warblers, etc. in red fir - lodgepole pine, silver pine forest. also about 5 others at different spots. Some aggregation (+ influx?) of individuals is shown.

Aug. 10 Ice Lakes Camp Grd., 6900 ft [see above] - about 10 heard or seen in 1½ hrs. spent in lodgepole pine - red fir forest.

Sitta canadensis

Aug. 11-18 Sugar Bowl Lodge & vicinity, + other "Donner Pass" localities nearby (6800-7200 ft.) - 1 to 5 seen on each two-hour class trip which included any suitable conifer forest of any extent. There has apparently been some influx over the nesting population, since they were encountered only in certain (usually the denser) parts of the forest in June-early July.

Aug. 24 Ice Lakes Camp Ground (NE. of Dulzura L.) [see p. 2] 2 came to within 5 ft. of some persons seated in a group of 12 observers under the moderately open lodgepole pine forest. (cf. nos. seen here June 29, Aug. 10).

Aug. 25 7100± ft., 1/3-1/2 mi. S Donner Pass, Placer Co., Calif. - 3 seen in red firs of patchy, but dense fir-pine forest.
- near Sugar Bowl Lodge [see above] - 1 in red fir-silver pine-lodgepole pine forest by lodge today & yesterday. Seemingly, the influx of mid-August has already dwindled again.

Cogswell
1950

Sitta pygmaea

Aug. 6 Haines Cr. Canyon, 5500 ft., E. side Carson Range, Douglas Co. Nev. - 3 seen in sparse Jeffrey pine "woodland" with sagebrush & manzanitas admixed. They flew from tree to tree every few minutes, & called occasionally while foraging among needle clusters in tops of the 50-80 ft. high trees.

Aug. 17 Emigrant Gap, 5000 ft., Placer Co. Calif - 1 seen & heard calling as it flew across the steep N. facing slope (Bear R. drainage), which is mostly chaparral-covered, with some stringers and isolated tall old & sapling trees of the yellow pine - sugar pine - black oak - incense cedar forest which occupies the slope farther downhill.

General:

altho reported from the Donner Pass area by ornithologists of the early 1900's, and reported as occurring in the Carson Range in fall & winter by a game warden there (at Galena Cr. Ra. Sta.), we did not find any in these regions in summer of 1948.

The above two records are the only ones this summer. This sp. is certainly far less common here, even in suitably sparse forests, than it is in southern California.

Cogswell
1950

Certhia familiaris

1

June 17 Big Bend Camp Grd., 5750 ft; on S. Fork Yuba River, Placer Co., Calif. 1 heard singing in tall dense white firs.

June 20
" 21
June 25
" 28 } near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 to 3 heard or seen on each of several excursions into the denser forest areas (red fir - lodgepole pine).

June 23 - n. side Bear Valley, 4585 ft., Nevada Co., Calif. - 2 singing, 1+ other seen in Incense Cedar, Yellow Pine, Black oak forest near edge of large meadow. 2 here also on July 7.

5200 ft. ½ mi. S Lake Spaulding, Nevada Co., Calif. - 2 heard singing in tall, dense forest (white fir, Incense Cedar, Yellow Pine, Sugar Pine) with dogwood, etc. understory.

June 24 - W. end Donner Lake, 6000 ft., Nevada Co., Calif. - 2 heard singing in the dense stand of <1 - 2½ ft. d.b.h. lodgepole pines on flat W of lake.

June 29 Ice Lakes, 6880+ ft., 3⅓ mi. W, 1+ mi S Donner Pass, Placer Co., Calif. 2 heard singing on mid p.m., 2+ mile hike around the lakes in lodgepole pine - red fir forest.

June 30 Big Bend Camp Grd. (see above) - at least 3 came to my pigmy - saw-whet owl whistle given under the firs here. Same result in a.m. & p.m.

July 4 - 6800 ft., near Norden RR Sta., Placer Co., Calif. - A NEST was located by Mrs. F.L. Larkin. It is, in a lodgepole pine, wedged ~~between~~ a limb which ascends at about a 20° angle and a curled piece of bark some 1½ ft. long which has pulled away from the limb & now droops below it. Some nest material can be seen protruding near the lower (large) opening, but the birds come & go thru the circular opening at the more tightly rolled

Cogswell
1950

Certhia familiaris

July 4 (cont'd)

end of the bark, close under the bare part of the limb. The site is about 40 ft. above ground, 7 ft. out SSE'ward from trunk of the 90 ft. high tree. There are other lodgepole pines of approximately the same height or less scattered at 10 to 60 ft. intervals for the surrounding 150 ft. in all directions except to the S, where only 1 or 2 trees are between the nest tree and the Summit Valley meadow. Some tall red firs are located about 80 + 85 ft. N of the nest, beyond which point the forest is a moderately dense lodgepole pine – red fir ~~forest~~ association. Several trips were made by both birds of the pair to the nest with food while a group of observers watched from 70 ft. away. The ♂ sang occasionally from nearby trees.

On a p.m. visit with another group, the activity of the creepers was noticeably less

~~July 7 (see above under June 23).~~

~~July 8. near Sugar Bowl Lodge, 7000 ft,~~

Cogswell
1950

Certhia familiaris

Field Record of Activities of Pair of Brown Creepers near their Nest, at 6800 ft. altitude, Norden, Placer Co., Calif.

July 6 - 0815 - Start of observations on NEST, described above, in lodgepole pine near Norden RR Station. Bird heard calling in pines 40 to 80 ft. from nest. I am stationed 30 ft. SE from nest tree.

0821 - observer moved to log 50 ft. S of nest tree. 1 adult bird creeping along horiz. branches of nest tree 20 ft. above nest., called several times. Nest seems to extrude more from the drooping bark than on 2 days ago.

0824 - adult alighted on barkless limb, then on several with bark, near nest.

0824½ - ad. into Nest & out again, alighting on same barkless limb 5 ft. from Nest entrance.

0825 - same? one foraging on horiz. limbs, 30 ft up. in next pine east.

0827 - still heard near same several pines E of Nest

0828 - flew in from E, alighted on bark of limb 8 ft S of Nest, then onto bottom of loose bark under Nest, up it & in, out again in 3± seconds.

0828½ - another(?) in from E, stopping & creeping up barkless limb, to nest & out again

0830 - in from E to barkless limb, over to Nest, stayed in for 10 sec. & came out via side a few inches from usual entrance.

0832 - 1 flew from Nest tree to Lodgepole 30 ft ESE, then on to one 80 ft farther, crept up it 20+ ft, then flew back to Lodgepole ½ way to Nest tree. Lost track of it.

0835 - Robin flew into upper pt of Nest tree -

Certhia familiaris

July 6 (cont.) - At 0833 - observer moved to 60 ft. ESE of Nest to try to check on distance covered by foraging bird.

0843¾ - nothing has happened at Nest so far as I could see. Nest entrance not visible from here, but limbs used by approaching birds are. A Steller's Jay called 100+ ft. N of Nest.

0846 - "see - see" call heard from beyond (NW) of Nest

0846¼ - 1 came to barkless limb, then hopped over to Nest limb, but 4 ft distal from ~~the~~ Nest, creeping up & presumably into Nest.

0846¾ - returned to barkless limb., then on to several other limbs of Nest tree just above height of Nest. Lost him.

0851 - 1 creeping up prox. on another barkless limb 15 ft. under nest, worked across to other limbs somewhat closer

0851¾ - "see" call heard from tree between me & Nest tree. other bird still on limbs below nest.

0853 - observing interrupted (while I went & retrieved injured Sparrow Hawk from mobbing Blackbirds)

0902 - observations resumed same post.
♂ sang from trunk of Lodgepole pine 40 ft E of Nest; ♀ creeping on trunk of Lodgepole pine 30 ft SE of Nest at same time.

0903½ - ♂ singing from trees (pines & firs). 100 ft E.

0904 { " still heard singing same area

0905 { ♀ on barkless limb on N side of Nest tree & below Nest

Cogswell
1950
July 6 (cont'd)

Certhia familiaris

0906 - ♀ closer to N on limbs on W side of tree.
- appar. went to N but I missed that

0907 - she flew down to base of big Red Fir 80 ft N. of Nest across opening. a few sec. later she flew out onto grass 10± ft from base of fir, caught a whitish insect (moth) returned to fir trunk whacked it several times, crept a bit, then flew back to Nest tree & alighted on bare limb 5 ft below Nest, called once ('see') & crept toward Nest (into it?).

0910 - 1 creeping on bare limb 2-3 ft from Nest, bill apparently empty. (? went to Nest)

0910½ - 1 flew away from Nest tree to NNW.

0914 - 2 birds together, 1 alighting on branches near Nest, other flew at same time to base of red fir 100 ft N (♀ because ♂ sang from near N a moment later).

0915¼ - ♂ sang from W of Nest (1 tree away?).

0916 - " " " " "

- observations ended

1036 - " resumed, same post

1037 - adult flew in from ESE & alighted on trunk of Nest tree, crept upward. no calls given.

1038 - had worked around to bare limbs below nest.

1038½ - into nest, out after 5-10 sec., flew ESE to beyond 50 ft. distance.

1040 - observer moved to open area between trees 30 ft E of Nest tree.

Certhia familiaris

July 6 (cont.)

1044 - adult flew in from North, bounding, & alighted on bark-covered limbs on N. side of nest tree. Then around to limbs near nest, calling one "see".

1045½ - Returned to smaller lodgepole pine N. of Nest tree.

1047 - Back on limbs near nest, working back & forth on bark covered one 5 ft. from Nest.

1048½ - flew NW out of Nest tree (without having gone to Nest?).

1052 - 1 flew into Nest tree, alighting on bare limbs below & outward (SE) from N; hopped up to Nest limb, then flew away again to North. Possibly I'm too close. I move back 10 ft. to base of lodgepole pine (42 ft. E. of nest tree).

1053½ - bird creeping up trunk of Nest tree 15 ft from base. went to Nest limb, then flew to N. side of tree & foraged along barkless & barked branches 30 - 35 ft. from ground.

1058½ - 1 again foraging on branches in SW part of nest tree a few feet from Nest. Flew off to W without going to nest (Denis Cogswell & Tommy Harville came to this post in last few minutes, & we talked, making considerable disturbance).

1101 - observer moved to 30± ft. WSW of nest tree.

1103½ - ♂ singing in N side of N tree.

1104 - " " closer to N, & then into N. out in about 6 seconds

Cogswell
1950

July 6 (cont.)

1104 – Junco, 10 ft. from nest, in nest tree at this time was ignored.

1104¼ – flew to base of yg. lodgepoles 80+ ft N of Nest tree. Sang from there.

1106½ – ♀ into W side of Nest tree, to Nest with moth in beak, & flew away to NW again by:

1107 – alighting in 1st lodgepole. 50 ft away. ♂ sang from 100+ ft. Not yet.

1107¾ – ad. into nest (from ? direction)

1108¼ – out & onto branches on SW side of N tree almost over my head.

1108¾ – Red-breasted Nuthatch called from trees NW & then NE of creeper nest tree, no creeper response evidenced.

1109½ – 1 flew in from E to trunk of Nest tree 5 ft below Nest branch. Into Nest & out again by 1110.

1112½ – 1 "see" call heard 50+ ft NW of nest tree.

1114½ – 1 flew in from NW, alighting on trunk of nest tree 6 ft from ground & began creeping up. It held a long transparent winged insect in its bill. As it approached the nest level (but still on trunk) the other bird came in from E & started to alight on trunk near the first, but swerved & went to a branch. The 2 exchanged soft "sleep" call notes.

1115¼ – The original arriver, (♂ – see below) went abruptly across to Nest, out again after 8+ sec. & stopped in NW side of nest tree before going on.
– The second bird went promptly into the

Certhia familiaris

July 6 (cont.)

1115¼ - nest. & out after 20+ sec. (1116), stopping on branches a few feet from nest.

1116¼ - ♂ sang from 100+ ft N of nest, other bird (therefore ♀) still on branches near nest.

1117 - ♂ sang from trees 120+ ft E of nest.

1120 - observations ended.

July 7 (see above under June 23)

July 8 - Sugar Bowl Lodge, 7000 ft, 1.2 mi. SSW Donner Pass, Placer Co. Calif. - 1 singing in dense red fir - lodgepole pine forest.

July 11 (early a.m.) Am. River C. Road, 6500± ft, 3-4 mi. S Soda Springs, Placer Co. Calif. 2 heard singing in fir areas of forest.

July 21 Yuba Gap, 5800 ft., Nevada Co. Calif. - 2 heard in white fir - incense cedar - ~~Jeffrey~~ lodgepole pine forest.

- N. side Bear Valley, 4580 ft, Nevada Co. Calif. - 3 heard calling in dense incense cedar - yellow pine - black oak forest

July 24, July 25, " 29, " 31 } near Sugar Bowl Lodge, 7000 ft. [see above] - still singing occasionally. 1 to 3 on all visits to denser forest areas.

Aug. 1 N. shore L. Van Norden, 6770 ft., Nevada Co. Calif. - 1 seen entering & leaving a NEST which is wedged behind the slightly loose bark on the side of a 2½ ft. thick trunk of a dead lodgepole pine. R. B. Hays discovered this nest on July 30, at which time he said he felt at least 1 egg in the nest, which is at about eye level above ground. The frequency of visits (about every 3-4 min.) today indicates young.

Certhia familiaris

Aug. 1 (cont.)
The nest tree is one of several water-killed ones among a pure lodgepole stand on a grassy knoll by the lake shore just E of mouth of Castle Creek. The bird(s) seem to forage entirely toward the landward side of the nest tree, which is about 3 trees in from the lake at present.

Aug. 4 vicinity of Sugar Bowl Lodge [see p. 1] - songs still heard occasionally.

Aug. 8 N. side L. Van Norden [see p. 8] - both ads. of pair feeding young in the nest. Visits, with food, about every 2 min. now.

Aug. 9 Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev. 1 foraging on trunks of Jeffrey pines + white firs.

Aug. 13 N. side L. Van Norden [see p. 8] - pair of ads. feeding large young, which give hissing food calls, in the NEST described above.

Aug. 15 This nest now empty, the young presumably having flown (since the nest was undisturbed). It has been 16 days since Hays first discovered it. Upon taking off the bark carefully, the nest was found to be nothing but lodgepole pine needles filling up a gradually tapering space between bark + trunk to within about 3 inches of the entrance hole. The width of the space occupied by the nest (distance of bark from trunk) seemed barely enough for 1 adult to sit on nest even with tail parallel to trunk.

mid-Aug. - near Sugar Bowl Lodge [see above] - still reg. individuals + mixed in small bird aggreg.

Certhia familiaris

Aug. 18 S.E. end Bear Valley, 4600 ft., Placer Co., Calif. - 1 heard singing in edge of yellow pine - incense cedar - black oak, big. leaf maple forest.

- Sugar Bowl Lodge [see p. 1] - 1 heard singing.

to aug. 25. " " " & other "Donner Pass localities"

Still regularly found in small numbers, but few singing (one song heard on 25th).

Cogswell
1950

Cinclus mexicanus

late June – July - S. Fork Yuba River & tributaries, 5200 – 6800 ft., Placer & Nevada Cos., Calif. - old nests at 3 different locations (Soda Springs, Cisco Grove, 2 mi. W Cisco) show no evidence of use this year —— and no birds were found along the streams near them.

July 8 (p.m.) - Truckee River, 5580 ft; Nevada Co., Calif. - 1 adult was feeding 2 full grown fledglings on small boulders near the edge of the wide stream here. Foraging of adult was done by peering under the water from a precarious perch on the sloping rocks. Some food was obtained without putting more than the head under water, while sometimes the whole bird went under —— but no extended underwater periods were noted. The food call of the young is a very loud one, carrying 300+ ft. above the sound of the water to where we were on the highway. (US 40). A double nest, apparently a new one placed mergent with the old one, is situated about 1/3 mile downstream; it is placed on the downstream side of a huge boulder, 2 ft. or so above spring high water mark. A pair nested here in 1948 also.

July 10 - only 1 bird seen at this locale.; it sat on a small boulder in mid stream & preened.

July 22 Cisco Grove, 5650 ft., S. Fork Yuba R., Placer Co., Calif. 1 foraging in slightly riffled, gravel-sandy bedded stream, using exposed roots & stick debris both at edge & in mid stream (at one point) as perches.

Cinclus mexicanus

July 29 Sugar Bowl Cr., 6900^+ ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 immature at the "swimming" pool, using the small raft built by our boys as a perch from which to peer under water; but I did not see it go under. None seem to be found along this snow-fed stream early in the summer (due to lack of aquatic organisms suitable as food?).

Aug. 8 1 seen in this same spot at dusk.

Aug. 11 - " " " " " "

Aug. 10 - mouth of Castle Cr., 6760 ft., at L. Van Norden, Nevada Co., Calif. - 1 on boulders dotting the sloping mud shores of the lake shore & just up the small stream.

Aug. 17 Hampshire Rocks, 5900 ft., on S. Fork Yuba R., Placer Co., Calif. - 1 flushed from large boulder in mid-stream in deep water portion on this solid granite stream bed area.

Cogswell
1950

Troglodytes aedon

June 24. W. end Donner L., 5940 ft; Nevada Co. Calif - a pair carried food into an old woodpecker hole in the trunk of a live aspen tree near the inlet creek. The ♂ sang only occasionally. Food calls of young were heard in the nest. Foraging seemed to be done mostly in the root tangles + creek dogwood thickets along the creek + only occasionally in the adjacent open forest of lodgepole + Jeffrey pine.

June 25 - S. + S.W. sides of Sierra Valley, 4900 ft, Sierra Co. Calif - about 5 heard singing from house + yard areas, with trees, in small towns + about farm buildings.

July 7 near Sugar Bowl Lodge, 7000 ft; 1.2 mi. SSW Donner Pass, Placer Co. Calif 1 seen in willow thickets near clumps of firs + pines at edge of forest. The bird gave the grating call characteristic of this species, but no song. I am reasonably sure it was not present here a week ago, + this occurrence probably represents up-mountain dispersal.

- NE side Mary Lake, 7100 ft; 1/3 mi. SSW Donner Pass, Placer Co., Calif 1 heard calling (grating note) from bitter cherry + twinberry thickets under edge of lodgepole pine - red fir forest.

July 11: 6800 ft. 4 mi. SW Donner Pass, Placer Co. Calif - 1 seen in manzanita + Ceanothus (cordulatus + velutinus) chaparral + in lower branches of Jeffrey pines on S-facing slope of flattish ridge.

July 17
" 19
" 20
" 24
} near Sugar Bowl Lodge [see above] - 2 seen together in same area as on July 7 (on 17th); 1+ here on July 19 + 20.

July 21 N of Emigrant Gap, 5000 ft., Placer Co. Calif. - 1 in Ceanothus integerrimus brush along road in sugar pine, incense cedar forest on N-facing slope. Maples + dogwood nearby.

Cogswell
1950

Troglodytes aëdon

July 25 near Sugar Bowl Lodge, ~~[illegible]~~ 7000 ft. [see p. I] - 1 in willow thickets at edge of wet "Cowgill meadow" was giving a subdued and hesitating song. Another called nearby.

July 29 - 1 heard calling in same willow & brush area.

" 30}
Aug. 2} - " " " " " " " "

July 31 - another "half-song" heard. (bird seen).

Aug. 5 - Cisco Grove, 5650 ft., on S. Fork Yuba River, Placer Co., Calif. - 1 seen in dead brush, creek dogwood, & willow thicket along stream.

Aug 11 - N.E. of Mary Lake [see p. I] - 2 seen in mtn. alder thicket

- Big Bend Camp Grd., 5800 ft., on S. Fork Yuba R., Placer Co., Calif. - 1 in dense, moist thickets on S slope near stream in opening of tall, dark forest.

Aug. 14 near Sugar Bowl Lodge, 7000 ft. [see p. I] - 1 in usual place
" 16

Aug. 22 Onion Cr. Canyon, 6050 ft., 2 mi. W, 3 mi. S Donner Pass, Placer Co., Calif. - 1 in dead brush & root tangle under sparse trees along gullied stream bed.

Aug. 21 Prosser Cr., 5650 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - 1 seen in browsed back (& therefore dense) willows scattered along gravelly stream in (now) dry grassy swale below sagebrush-covered hills.

Aug. 24 "Signal Hill", 7200 ft., 1 mi. W Donner Pass, Placer-Nevada Co. line, Calif. - 2 seen in edge of bitter cherry, willow, etc. brush on moist S-facing slope.

Aug. 25 near Mary Lake [see p. I] - 1 in willows near lake & forest edge.

General: I am satisfied that the House wren does not nest regularly at these localities of Donner Pass altitude. All the above records, except that of June 24, are probably of wandering birds.

Cogswell
1950

Telmatodytes palustris

July 9 - S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - 1 seen & heard singing in tall tule area of the extensive marshlands here (E. of Camp Richardson). A *nest* was found nearby, apparently a completed one (lined), but it was empty. The side opening & position of the nest over water, seem to identify it as this species; and since the material of which it was built seems weathered, I conclude that it has been used & brood brought off already.

Cogswell
1950

Salpinctes obsoletus

June 24 N. slope Disney Peak, 7400 ft.; 1.3 mi. SSW Donner Pass, Placer Co., Calif. 1 singing from outcroppings of agglomerate & bouldery slopes on cleared areas near Sugar Bowl ski lift.

June 27. Geiger Lookout, 5500 ft. 2 mi. E Steamboat Springs, Washoe Co., Nev. Several (3+) seen & heard singing on rock outcrops & road cuts in pinyon—juniper woodland area. George Treichel, who followed them up, reports seeing 6 birds at once within an area of 50 ft. diameter, 4 of them singing!

July 12 2 heard singing in this same area, but at widely divergent points today.

July 23 Freel Peak & Job's Sister, 10,500+ - 10,900 ft. Carson Range, Eldorado & Alpine Cos. Calif. - 3 heard in tumbled rock & fell-fields of summit ridge well above timber line.

July 30 6600 ft., ½ mi. E Donner Pass, Placer-Nevada Co. Calif. 1 heard on extensive talus below S.P. R.R. tracks.

Aug. 5 Floriston, 5300 ft., along Truckee R. Canyon, Nevada Co., Calif. 1 hopping about the brick & concrete ruins of the old paper mill along S.P. tracks just above the river.

Aug. 9 Geiger Lookout [see above] — 1 ad., carrying insects in bill, progressed across a grassy slope by short flights from low rock to low rock & finally went on into pinyons. It made 2 or 3 quick runs (successful?) after small grasshoppers from its perch on one rock.

Aug. 10 7900 ft. peak, 2 mi. SW Donner Pass, Placer Co. Calif. - 1 on barren, volcanic rock cliff of ridge above forested slopes.

Cogswell
1950

Salpinctes obsoletus

Aug. 17 - Stampede Valley, Sierra Co., 5900 ft., 3½ mi. E, 6 mi. N Hobart Mills, Nevada Co., Calif. - 2 together on a rounded boulder (1 of many) on a flat which is covered by low sagebrush, with grassland in nearby swale.

Cogswell
1950

Oreoscoptes montanus

June 25. Sierra Valley, 4900± ft. Sierra & Plumas Cos, Calif. - 10± seen in sagebrush covered areas of this open valley; these being noted while driving & at one brief stop.

June 27 4700 ft., 1 mi. E, 2/3 mi. N Steamboat Sprgs., Washoe Co., Nev. - 2 seen on top of tall sagebrush & antelopebrush bushes on alluvial slope W. of Virginia Range.

June 28 5550-5600 ft., E of Boca Reservoir, Nevada Co., Calif. - 2 seen, & 1 heard singing in open sagebrush + antelope-brush valley.

July 10 (a.m.) - about 5 seen in this same area. They seem to avoid the areas of pure sagebrush & grass, being concentrated in stands of taller antelope brush (Purshia tridentata) & lower sagebrush, with some open ground between.

July 11 (p.m.) 1 flushed from a Nest containing 5 eggs, placed 1½ ft. above ground in midst of larger branches of an intertwining bush (sagebrush + antelope brush). The bird returned within 20 min., for it flushed again when we showed the nest to someone else. 2 birds, presumably the pair, sat on tops of bushes 100 to 200 ft. away while we looked in the nest. No songs were heard.

July 24 This nest now contains 3 (possibly 4) young. A pair of adults were seen nearby.

July 26 base of Geiger Grade, 4700 ft., 1¼ mi. ENE Steamboat Sprgs., Washoe Co. Nev. - 2 seen in tall sagebrush along highway

Aug. 7 E. of Boca Res. [see above] - pair seen in vicinity of the now empty nest, both with insects in bill.

Aug. 21 5700 ft., 1½ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - 1 seen in low sagebrush.

Cogswell
1950

Turdus migratorius

June 17 - ~~near Sugar~~ Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 6 seen on 3 hr. walk thru red fir - lodgepole pine forest, & 2 meadows. Only 2 ♂♂ heard singing, & this is certainly not full spring song frequency, but snow is still deep in forest.

June 20 near Norden R.R. Sta., 6800 ft., Placer Co., Calif. - 2 nests located, 1 in small lodgepole pine 20 ft. above ground, other on cross-arm of telephone pole amid many wires & surrounded by young lodgepole forest. Both are within few hundred feet of shore of L. Van Norden. Incubating(?) birds on both nests.

June 24 (8:30 - 9:45 a.m.) Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. - 8± seen in 1 1/4 hrs. spent in & near riparian woodland bordered by lodgepole & Jeffrey pine forest. 2 singing. 2+ fledglings seen.

late June - Sugar Bowl lodge, Donner Pass, & L. Van Norden areas (see above) becoming more conspicuous now & songs more frequent. Perhaps the lack of activity earlier was due to snow still over feeding grounds. - Some 5 or 6 NESTS have been discovered, all in forest near small or large meadows, along the edge of clearings for roads or power lines, or on the buildings at the lodge. Incubation in progress on all.

June 25 - Sierra Valley, 4900± ft., Sierra & Plumas Cos., Calif. - 15± seen in small towns (Sierraville, Sattley, & Beckwourth) & about farms with trees.

June 25 } June 27 Reno & several mi. S, 4500 ft., Washoe Co., Nev. - fairly common on lawns & about farms with wet grasslands & cottonwoods.

Turdus migratorius

June 30 Big Bend Camp Grd., 5800 ft., on S. Fork Yuba R., Placer Co., Calif. Several pair seen; 1 pr. with fledglings responding immediately to a whistled owl call & resulting in a mob of several species about a group of 8 people. Same result in p.m. with 12 people present, all of them seated quietly in white fir - Jeffrey pine forest.

July 2 - Sugar Bowl Lodge, 7000 ft. - NEST on E. end contains young.

July 7 - N. side Bear Valley, 4985 ft., Nevada Co., Calif - many seen, 1 group of several fledglings on ground under dense incense cedars at border of large grassy meadow.

July 8 - Cisco Grove, 5650 ft. (see p. 1) - a fresh family of fledglings.

July 17 Sugar Bowl Lodge [see above] - a new NEST, situated in 7 ft. high crotch of 12 ft. hi lodgepole pine and very much in open, now contains 4 small young.

July 20 Sugar Bowl Lodge to Sugar Bowl, .3 mi distant & upslope - about 20 encountered on 2 hr. walk starting at early dawn (4:50 a.m. PDST); included were about 8 singing birds, though singing is less persistent than 3 weeks ago; also several fledglings. 1/3 of time spent in dense forest.

July 23 Freel Peak - Job's Sister saddle, 10,200 ft., Carson Range, Eldorado Co., Calif. - 4 in zone of stunted whitebark pines at timberline; there is no meadow nearby, altho a few snowbanks remain on nearby fell-fields.

late July - early Aug. Sugar Bowl Lodge & vic. [see above] - Fledglings now found everywhere about buildings, forest & meadow edge, etc. Much diminution of song, altho still occas.

Aug. 8 A new nest with young in it, in young pine by chalet window.

Aug. 14 These young now fledged. No songs from any adults now.

Cogswell
1950

Turdus migratorius

Aug. 17 Hampshire Rocks 5900 ft., on S. Fork Yuba R., Placer Co., Calif. about 15 seen in mixed conifer & riparian (cottonwood & aspen) growth along stream, including several fledglings begging food. One adult was eating the not quite ripe dogwood (Cornus californicus) berries, the first berry-eating by Robins I have noted this season.

Aug. 18 Emigrant Gap, 5000+ ft., Placer Co., Calif. - about 40 flew high over chaparral & forest-covered slope during 30 min. we spent on road on it. They were in several small flocks, behaving much like wintering Robins.

Aug. 23 Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev. 2+ seen on ground in Jeffrey pine - white fir - black cottonwood forest on rocky alluvial fan near stream. They have been noted here on July 26, Aug 9 also. On latter date, 3 were also seen at Little Washoe Lake, 5020 ft; - flying into cottonwood trees from algal-scum covered lake shore.

Aug. 25 near Sugar Bowl Lodge [see p.1] -- about 20 encountered on a 1 hr. 50 min. walk thru rather dense forest, with two large open areas with scattered trees. None were singing. No feeding of fledglings noted.

General -- seemingly as common in suitable "edge" habitats as in 1948, but the song chorus never seemed to get to the crescendo it did in early July of that year. My general impression of nesting success this year was that was fairly high.

Cogswell
1950

Hylocichla guttata

June 17 - near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 3 heard singing in 1/4 mi. traverse of fairly dense lodgepole pine - red fir forest, with snow still covering all ground except a few small areas in openings, around bases of trees, etc. - 1 of these seen singing from top of 150 ft. red fir just after sundown on 18th.

June 19 - After I "squeaked", one which had been singing ceased, + (the same?) one appeared promptly in lower branches of lodgepoles + firs over my head + scolded "chuk". Snow over most of forest floor here also.

June 20 - 2 heard singing in late a.m. on a 2215 ft. traverse of red fir - white pine - lodgepole pine forest + 4 small clearings, some filled with alders. This is on a N-facing slope, with still plenty of snow. These 2 are across a 700 - 900 ft. wide meadow from those noted on 17th. 1/2 of same area covered on June 23 + 24 + 2 heard singing each date.

June 23 (late a.m.) - 5100 ft., 1/3 mi. S Lake Spaulding, Nevada Co., Calif. - 2 heard singing in tall, dense forest of white fir, yellow + sugar pines, + incense cedar - on N-facing slope.

June 29 (a.m.) - SE of Mary L., 7100 ft., 1/2 mi. S Donner Pass, Placer Co., Calif. - 1 heard singing from patchy red + white fir, lodgepole pine - white pine forest.

(p.m.) Ice Lakes, 6900 ft., 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. 1 heard singing in moderately dense lodgepole pine - red fir forest on "flat" around the lakes (2 mile hike).

July 11 - just NE of Ice Lakes to 1+ mi. S, 6900-6500 ft., - 3 heard singing in tall, denser forest areas at dawn.

early July - near Sugar Bowl Lodge 7000 ft. (see above) - morning + evening singers, I find, usually perch very high (as on June 17); mid-day ones lower

Hylocichla guttata

July 20 - N base Disney Mtn., 7100 ft; 1.3 mi. SSW Donner Pass, Placer Co., Calif. - After spending the hour from 9 to 10 a.m. watching a thrush with a bill full of insects, I located a NEST, 15 ft. from ground & 10 ft. out from trunk of a 90 ft. high red fir. The site is among dense, green needles, 3 ft. from the tip of a downward sweeping branch exposed to the sky to E & SE. The tree is at edge of forest & cleared ski slope. There is a small opening with several small logs & much fir twig litter just within forest to W. Red fir & w. white Pine are the most common trees.

1037 - Start of observations by Dorothy Herz, Joyce Burton & myself, all seated in shade on forest floor 50 ft. away & down slope from Nest

1045 - movement (of young?) noted in nest.

1045½ - adult flew down from trees beyond on to ground in 50 ft. opening of forest 30 ft from nest.

1048 - hopped up into clump of 10 ft hi firs in opening called soft "chuk" several times.

1049 - ad. flew up 20 ft into fir branches 15 ft from Nest. -; soon back (not seen by us) across ~~[illegible]~~ opening.

1053 - ad. seen & heard calling frequent soft "chuk" notes from lower branches of tall firs on far side of ~~[illegible]~~ opening.

1056 - ad. still in that vicinity, flew down to ground once; has bill full of insects. Is about 60 ft. from Nest, slightly upslope.

1058½ - down to ground again.

1059 - 1 alighted in Nest tree on opposite side from N

Cogswell
1950

Hylocichla guttata

July 20 (cont'd) -

and commenced hopping up higher in canopy
observers moved to better vantage point just to W.
& still 40+ft downslope from Nest.

1109 - adult reappeared in fir adjacent to Nest tree.
flitting its wings, no call given

1110 - flew to dry stick area on ground in edge of
opening; hopped or ran about there flitting wings &
raising tail slowly a few times.

1110½ - flew back up to tree next to Nest tree

1112 - called "chuk" once, & moving about in
dead fir branches at lower edge of canopy.

1114 - ad. now in branches on opposite side of & above
Nest in Nest tree. flitting wings & raising
tail. No calls given.

1117 - still the same. Hammond Flycatcher calling
"[illegible]" "pip" from high up in next tree.

1119 - observers moved 40 ft. farther down slope

1120 - ad. now in N tree again, flitting wings; silent

1121 - moved closer, now behind trunk on level
with Nest

1122 - hopped onto Nest branch 4 ft. proximal
of Nest,

1122⅓ - ran down branch to Nest
feeding of young occupied about 30-40 sec

1123 - ran back up (proximally) on Nest branch
to 3 ft from nest, flitted wings several
times.

1124. flew across 50+ ft. opening to white pine.
- called "chuk"

Cogswell
1950

Hylocichla guttata

July 23 High Meadow, 7800 ft., to upper border of "Canadian zone" (red fir - silver pine belt) S of it, 9000 ft., Carson Range, Eldorado Co., Calif. - 3 heard singing in 1 hr. 20 min. of hiking up a steep trail.

July 27 S. slope "Signal Hill", 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1 singing a nearly full volume song from midst of dense thickets of bitter cherry, willow, Ceanothus velutinus, etc. --i.e., in "chaparral" more typical of wintering habitat of some subspecies.

July 20 - July 31} near Sugar Bowl Lodge [see p. 1] - 1 or 2 singing birds still to be found at dawn & dusk; but others have apparently ceased singing

Aug. 3 1 came up in mtn. alder thicket & lower conifer branches in forest N of lodge when a large group of small birds was gathered scolding my owl call. The thrush called "chuk" only.

Aug. 25 "chuk" calls heard near this same spot. No other Hermit Thrushes have been seen or heard in the region we covered in August.

Cogswell
1950

Hylocichla ustulata

June 24 }
July 5, 8 } Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. - 1 heard singing from tall black cottonwoods with dense understory of willow, creek dogwood, & many herbs.

July 7 5100 ft., 1/3 mi. SE Lake Spaulding, Placer Co., Calif. - 1 heard singing, apparently in area of tall shrubs & young black oaks on moist N-facing slope surrounded by dense conifer forest. The area is an old roadway.

July 19 Along US. Route 40 near Baxter's, Placer Co., Calif. - 1 heard singing in similarly dense conifer forest (Transition zone) containing Douglas Fir & much dogwood & deerbrush along road.

July 22 Cisco Grove [see above] - 1 heard singing.

General:

Altho later visits to Cisco Grove ~~were~~ made, none of these thrushes were found. This could easily be due solely to the cessation of singing & consequent difficulty of locating them.

In 1948 one singing bird was regular at the W. end of Donner Lake, east of the Sierran crest and 14 mi. from Cisco Grove. The~~se~~ two localities were the closest to the pass at which this sp. was recorded. None were found at Donner L. this year.

Cogswell
1950

Sialia mexicanus

June 23. S side Bear Valley, ~~[illegible]~~ 4600 ft., Placer Co., Calif. - 1♂, 2+♀ seen in open, grassy meadow near scattered alder + cottonwood trees along stream. They utilized both the trees and 2 telephone poles in open meadow as forage perches.

July 7 N. side Bear Valley 4585 ft., Nevada Co. — 1♂ seen flying near large humped rock in open meadow, with a clump of few pines, cedars, + black oaks about it.

July 21 center of Bear Valley, 4570 ft., Nevada Co. — 1 pair seen carrying insects into a fresh-looking hole, presumably woodpecker-built, about 10 ft. up in a live Yellow pine which is one of a dozen pines + black oaks (some dead) which ring a large granite boulder in the middle of this broad, tall grassy meadow.

Aug. 4 None seen on visit to this same area.

Cogswell
1950

Sialia currucoides

1

June 20 N side L. Van Norden, 6750-6800 ft., Nevada + Placer Cos. Calif. - 1 pair at NEST in old woodpecker hole 6+ ft. up in telephone pole by corral in edge of broad meadow NE of lake. 2+ other pairs with NESTS (or at least going in out holes) in buildings below the dam, at Soda Springs. Incubation apparently being carried out by ♀ at the first nest. One of the others was lined but empty (could reach it with finger) + the other with contents unknown (under high eaves).

late June about 4-5 individuals seen on several subsequent dates. I think there are 3 or 4 pair in the small meadow + corral area at Soda Springs. The 2 nests already mentioned there are not over 300 ft. apart.

June 24 NE slope Disney Pk., 7500 ft, 1.4 mi. SSW Donner Pass, Placer Co., Calif. 1 pair foraging from low twigs + rocks on nearly barren, cleared ski slope.

June 25 2+ mi. W Vinton, 48 0 ft. Sierra Valley, Plumas Co., Calif. - 3 seen along highway in open dry grassy portions and in nearby sagebrush areas of open valley with no trees. If they are nesting birds, fence posts or tel. poles may suffice.

June 28 just E Truckee, ft. Nevada Co., Calif. - 2 along roadside thru open Jeffrey pine + sagebrush "flat."

June 29 7100 ft., ½ mi. S Donner Pass, Placer Co., Calif. - 1 ♀ on wire along road in opening in pine-fir forest near Mary L. (a pair here in 1948).
- Ice Lakes, 3+ mi. W, 1 1/3 mi. S Donner Pass - 1 pair on buildings + trees about lower end of lakes, which are bordered by a 5+ acre meadow with willow thickets. moderate to dense red fir-lodgepole pine forest all about.

Cogswell
1950

Sialia currucoides

July 4. N side L. Van Norden, 6750-6800 ft., Placer + Nevada Cos., Calif. The several nests discovered on June 20 now apparently contain young, judging from the frequency of visits with insects in bills of both parents.

July 5. NE slope Squaw Peak, 7900 ft., Placer Co., Calif. - 1 pair on open, half snow-covered slope by head of big ski lift. Trees nearby are in scattered clumps only.

July 6 NE Lake Van Norden, 6800 ft., Placer Co., Calif. - 2 audubon campers' original observation record on 1st nest described on June 20 follows. It indicates incubation again going on (or possibly brooding); yet if above July 4 note is correct, this pr. had young then.

Observation point about 50ft. from nest in hole in telephone pole 50 ft, from road and 200 yds. from stand of Pines and low brush.

Time 10:35 AM. , P.D.S.T.

M. bird on wire about 10' from nest where he remained quiet for 10 minutes then flew to ground and back to position on wire, stayed within 20 to 40 ft of nest, sometimes on ground, sometimes on post or wire. Did not seem to be gathering food.

(record cont'd on p. 3)

Sialia currucoides

July 6 (cont'd). NE Lake Van Norden, 6800 ft; Placer Co., Calif

10:58. F. bird stuck head from nest and looked about, then joined mate on wire. F. stretched and preened herself - then flew to high pines about 200yds. away, staying 10 or 11 min. during which time M. bird flew to nest every three to five minutes - but did not enter.

F. bird returned to mate near nest on wire - both flew to ground where they hopped about not more than 30 or 50 ft from nest. M. bird returned to nest and looked in - then to guard position on wire.

After 10 min. rest F. returned to enter nest where M. looked in upon her - then flew to meadow 100yds. away.

Conclusion - Nesting period, no young in evidence.

Observers -

Alice McWilliams -
Caroline Stewart.
(teachers from Seattle, Wash.)

Cogswell
1950

Sialia currucoides

July 9 · S.W. end Lake Tahoe, 6230 ft. Eldorado Co. Calif - 2♀ seen on strip of grassland between extensive marshes and "island" of lodgepole pines, on 1 of which they perched.

- Lake Valley, few mi. S of above — several ♂♂, ♀♀ seen.

July 12 7400 ft., 2.3 mi E, .6 mi. S Mt. Rose, Carson Range, Washoe Co. Nev - 1 pair at small grassy (sedge?) meadow with small pond, by a stand of aspens + chaparral + and forested slopes.

July 13 7200-7300 ft., Sierra crest, 1/4 to 3/4 mi. N Donner Pass, Nevada Co. Calif. - 4+ pairs seen along rocky but gently sloping ridge which is clothed (on W side) by very open or patchy Jeffrey + lodgepole pine + Sierra juniper "woodland" with scattered patches of low shrubs (huckleberry oak, manzanitas). 3 small lakes in the 1/2 mile did not seem to attract the bluebirds, which foraged rather over + on the bare rock (glaciated) exposures or sparsely herb-covered, rock-fragment areas between them. 1 pair entered + left a hole in a dead pine.

July 18
" 19 } NE Lake Van Norden, 6800 ft., Placer Co. Calif. - ♀ (only) seen carrying food into same nest hole which was reported on by others on July 6 (see above). This ♀ now has one crippled foot, a condition we did not note before.

July 22 Soda Springs, 6750 ft, Nevada Co., Calif. - 4 seen in area of the several nests reported on June 20 (except "1st nest").

July 27 5650 to 6000 ft., 2+ mi. E, 3 1/2-7 1/2 mi. N Truckee, Nevada Co., Calif. 2 seen in grassy valley of Prosser Creek, and 3 others along road to Stampede Valley, these in sparse Jeffrey pines + sagebrush.

Cogswell
1950

Sialia currucoides

July 28 Soda Springs, 6750 ft., Nevada Co., Calif. – 1♂, 2+ ♀♀ still in usual haunts near horse barn & corral & pumphouse below earthen L. Van Norden dam.

Aug. 1 only 1 ♀ seen here.

Aug. 2 S. slope "Signal Hill" 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. – 1♂ in fairly bright plumage (certainly not so worn as the ♂ of L. Van Norden pair of July 6) foraged over wyethia & low shrubs of a cleared slope above paved highway.

Aug. 3 1 female in this same area.

Aug. 5 Stampede Valley, 6000 ft., in south-eastern Sierra Co., Calif. – 3 seen along road in low, very dry sagebrush country – but with a trickle of water in nearby low swale.

Aug. 6 near Genoa, 4800 ft., Douglas Co., Nev. – 1 flying low over sagebrush-covered alluvial fan near W. edge of broad, open Carson Valley.

Aug. 7 near Mary L., 7050 ft., 1/3 mi. SSW Donner Pass, Placer Co., Calif. 1♂ on wire over sandy clearing in patchy forest + chaparral.

Aug. 17 Little Truckee R.-valley, 5850 ft., 1½ mi. SW Stampede Valley [see above] Sierra Co., Calif. – 3 ♀♀ seen in sagebrush-bordered ~~pastured~~ grassy valley pastured to cattle.

Aug. 24 NE side L. Van Norden [see p. 4 & before] – 1♀ still present (same one?), but not near nest hole in pole.

Aug. 25 near Mary Lake [see above] – 1♂ and 1♀ in same sandy clearing.

Cogswell
1950

Myadestes townsendi

June 20 · N slope Crow's Nest Pk., 7200 ft., 1.3 mi. SW Donner Pass, Placer Co., Calif.
1 pair seen on lower limbs of trees in dense red fir, white pine, & lodgepole pine forest. No song or call heard.

June 21 "Sugar Bowl", 7300 ft., 1.4 mi. S by W Donner Pass, Placer Co., Calif.
1 pair together in clumps of dense forest (same type as above) near open, partially cleared ski slopes.

June 27 (2:30 p.m.) "Christmas Tree" lodge, 7100 ft., 2 3/4 mi. E Mt. Rose, Washoe Co., Nev.
1 flew over open shrub-covered slopes between arid conifer (Jeffrey pine) forest patches.

July 20 7200 ft., 1¼ mi. S, ¼ mi. W Donner Pass, Placer Co., Calif.
other people in camp discovered a NEST yesterday, which I went up to see today. It is situated about 4 ft. above ground in the soil & root mat of an upturned red fir tree in a (formerly) dense forest area which apparently suffered a windthrow of a number of trees (prior to 1948 at least). The forest is over 60% red fir, with some silver pine, mountain hemlock, & lodgepole pine (few). It is broken by, in addition to the scattered down trees, Sugar Bowl Cr. - 200 ft. to west, and by rocky, sparsely vegetated slope some 700-800 ft. to east and southeast.

see photo p. 6

July 23 8400 ft., 2/3 mi. SE High Meadow, Carson Range, Eldorado Co., Calif. - a group of 4 flew over the moderately sparse red fir - lodgepole & silver pine forest, travelling steadily along to SSE, except for a stop of a few seconds in a partly dead tree top.

Myadestes townsendi

July 24 Observation of Townsend Solitaire Nest.

(same NEST as on July 20, see above) by Mrs Walsh (scribe), Mrs. Lorenz, & H.L. Cogswell

Location of nest:

In soil root mat of upturned red Fir tree. Nest facing north, made of gray twigs and roots. Bird facing west on nest with head turned toward us showing both eyes. Could not tell whether it was male or female on nest. We assumed it was the female.

Surrounding conditions:

Temperature about 70°. Mosquitoes abundant. Forest moderately clear, mostly Red Firs. Sunshine about 30% on floor area near tree.

p.m. P.D.S.T. 3:30 - Observers arrived, stationed about 40 ft. from nest, in plain view. 1 bird on nest (see above).

3:36 - Male (we assume) Solitaire came to twig on tree near nest, 30 ft. south. Smooth grey color.

3:38½ - male flew to branch closer to nest, on Red Fir 20 ft. east from nest. Silent. No calls given.

3:40 - Male flew to open forest beyond about 100 ft. from nest.

3:41 - female on nest turned head forward so we could see side of head, ring around eye.

3:46 - Douglas squirrel sat at base of Red Fir 35 ft. west of nest.

3:51 - Squirrel came to within 6 ft. of nest. Female bird lifted head attentively.

Myadestes townsendi

July 24 (cont.) – (observations at nest).

3:52 – Squirrel went on down trunk of fallen tree the nest is in.

3:52½ – Chipmunk came behind root crown. Solitaire's head went back to resting position.

3:55 – Chipmunk went down the log. 40 ft. beyond nest.

4:00 – Male came to small pine about 25 ft. east of nest. Peculiar wing fling. Vertically exaggerated wing beat. Came from direction of squirrel which was 75 ft. beyond nest on log.

4:12 – Male flew 100 ft. south to forest floor and returned to tree-foraging.

4:16 – Male flew 50 ft. southwest.

4:18 – One observer went within 2½ ft. of nest and took moving pictures of bird on nest.

4:20 – Observer flushed bird from nest by putting hand 6 inches from her. Nest had four eggs, pale blue with light brown speckles.

July 29 This nest still contains 4 eggs; adult incubating.

July 31 Today it has 1 young bird, eyes still closed, with only sparse down on upperparts. Other 3 eggs still in nest, and the adult bird is still incubating apparently. It flew off in the same non-demonstrative manner as

July 31 (cont.)
on previous visits.

Aug. 1 Still with 1 young + 3 eggs in nest. The sitting adult gave a momentary + somewhat questionable diversionary display from its first perch after flushing — the end of a log about 20 ft. from nest. The display, if such it were, consisted merely of half-spread, drooping wings and a dragging, slightly spread tail (showing white border) as it hopped 2 or 3 times + then flew on.

Aug. 2 Still (!!!) with 1 young + 3 eggs in nest, the young now being either 2 or 3 days old. Adult sitting on nest when we arrived.

[Aug. 3] Observations by 4 Audubon campers is appended, still the 1 young + 3 eggs. Something must be wrong; probably the eggs sterile (or addled (because of disturbances we caused? — if this is so, the bird or its embryos are easily disturbed).

[Aug. 5] Mr. R. P. Hays reports the nest still in same condition, the young now being 5 or 6 days old.

Aug. 6 At dusk today I found the nest abandoned. The young one was dead + I collected it as an alcoholic specimen (my catalog # 149); it was either 6 or 7 das old. The three eggs were each broken into, apparently by a bird's bill (the Solitaire's?).

Townsend's Solitaire - Observed by. F. Bryant
O. Mabon
M. McCormack
L. Porter

Myadestes townsendi

August 3, 1950

(P.D.S.T.) Time	Food Area	Observations
A.M.		
10:45	Open forest glade —	Arrived at nest, of pine needles + dirt in the root end of fallen tree. Mother, or father, sitting on nest - a gray bird, smaller than robin, with distinct white ring around eye.
10:49		Bird changed position slightly
11:00	lodge-pole pine	Noticeable fluffing or spreading of wings + shoulder feathers.
11:12	red fir hemlock	Leader of group walked up to within 2½ ft. of nest, others followed. Bird turned head only + looked toward us.
11:15	and fallen logs	Leader scratched with a twig near nest. Bird fluttered to ground about 15 ft. away, leaving 1 baby bird, slightly down-covered, + 3 eggs. Then flew to a tree, staying within a radius of 150 ft.
11:21		Group left area, all but leader, who later reported adult bird returned to nest, without food for young, at
11:30		

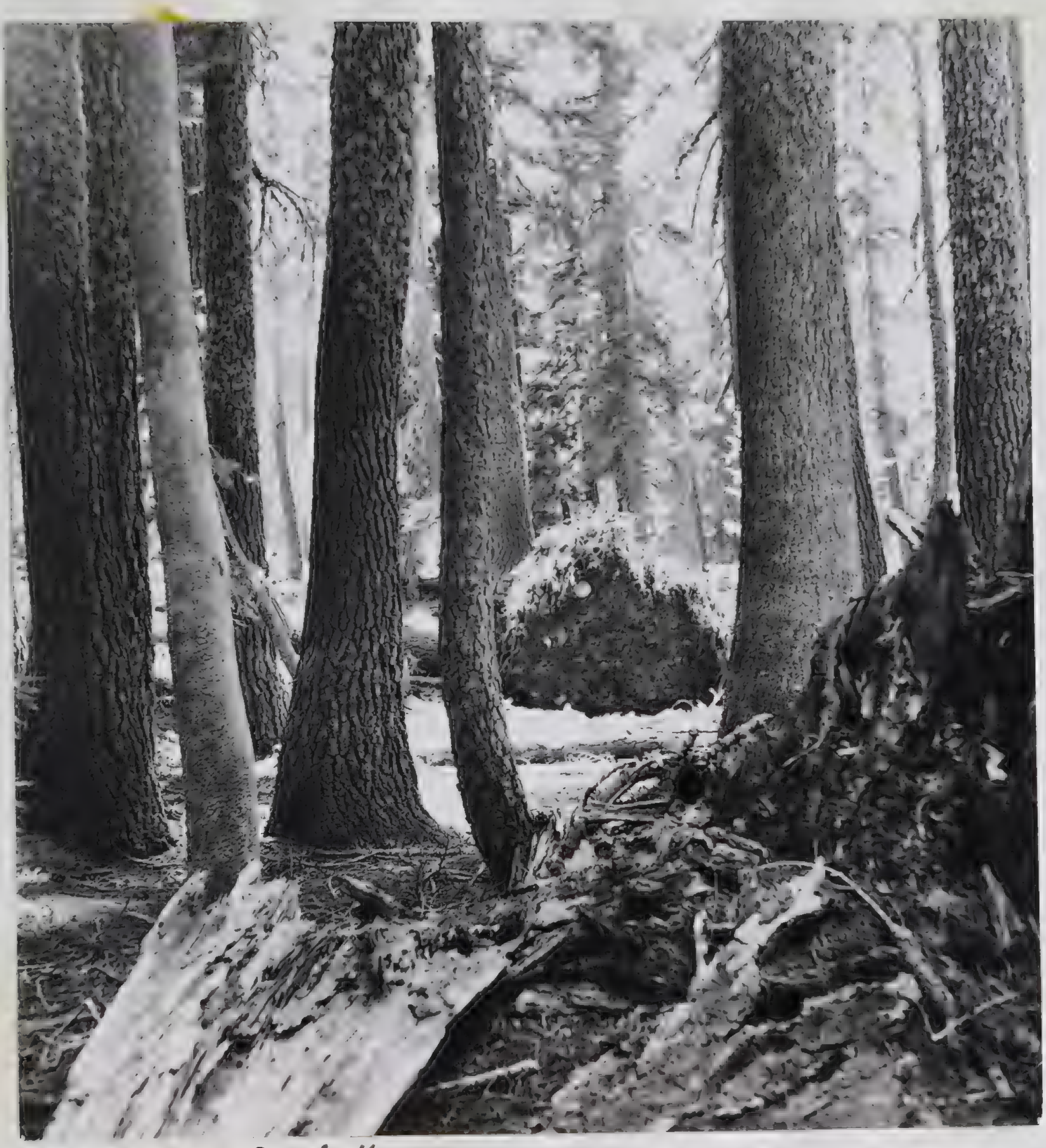
Cogswell
1950

Myadestes townsendi

aug. 9 Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co. Nev. - 1 seen in lower branches of Jeffrey pine - white fir - black cottonwood forest on rocky alluvial fan of canyon mouth near stream. In 1948 a nest with 4 large young was found about 200 yards upstream from here. It was placed in the bouldery dirt of the stream bank & the young were being fed by small boys of a camper's family while the 2 adult Solitaire's scolded the whole proceeding with the petulant "indrawn" whistle.

Aug. 25 7100+ ft., ½ mi. S Donner Pass, Placer Co. Calif. - 1 immature-plumaged individual flew from low perch to low perch about 3 times in front of approach of about 8 people. It was in a fairly dense forest near an open, higher area covered by shrubs & a cleared ski trail. It gave no call note that we could hear.

Myadestes townsendi.



my negative no. 50-6-11 Aug. , 1950

Nesting site and vicinity, 7200 ft.,
1¼ mi. S, ¼ mi. W Donner Pass, Placer Co., Calif.

The nest is the lens shaped dark spot just right of center of upturned root mat, Tree trunks viseble here are red fir (mostly), lodgepole pine (small one at L foreground) and mtn. hemlock (large " at R ").

Cogswell
1950

Regulus satrapa

June 17 } near Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass, Placer Co. Calif.
June 21 } 1 heard singing in dense red fir - lodgepole pine - white pine forest.

June 23 5100 ft. 1/3 mi. S Lake Spaulding, Nevada Co., Calif. - a number (seemingly 10±) heard in loose flock in tall dense white firs, yellow pines, + incense cedars. apparently a family group already on the move, tho this is a likely nesting area. One heard singing.

- N base "Crows Nest Peak", 7100 ft. 1.3 mi. SW Donner Pass, Placer Co., Calif. - 4 heard (2 singing) in dense red fir - white pine - lodgepole pine on ~~gradual~~ gentle N. facing slope. Snow is still 1/2 to 5 ft. deep over much of the forest floor here.

June 29 7100 ft. 1/3 mi. S Donner Pass, Placer Co., Calif. - 2 foraging thru red firs, white pines, lodgepoles, + few hemlocks in broken, but fairly dense forest on NE. facing slope (at Pine Grosbeak nest area). One of them sang.

(p.m.) - Ice Lakes, 6900 ft. 3 mi. W, 1+ mi. S Donner Pass, Placer Co., Calif. 2+ heard singing in 2 mile hike around the lakes in moderately dense red fir - lodgepole pine forest

July 7 locality same as June 23 - 1 heard calling (in 10+ min. we were there)

July 11 6900 - 6700 ft. 3 mi. W, 1-3 mi. S Donner Pass, Placer Co. Calif
(early a.m.) 1 heard singing in dense forest with many firs in it. others heard calling.

July 19 lodge to "Sugar Bowl", 7000-7300 ft. [see above] - Several heard calling in denser forest areas; 2 seen; (only) 1 heard giving a (half-hearted attempt at a) song.

Cogswell
1950

Regulus satrapa

July 20 Sugar Bowl Lodge to "Sugar Bowl", 7000-7300 ft., 1.2 mi. SSW to 1.5 mi. S by W Donner Pass, Placer Co., Calif. about 10 heard in denser forest areas of red fir, silver pine, & mountain hemlock. No songs.

July 23 High Meadow, 7800 ft., to 1/4 mi. W Star Lake, 9000 ft., Carson Range, Eldorado Co., Calif. - about 10 heard (5^+ seen in one group, including juveniles) along 2 mi. or so of trail thru fairly sparse red fir, lodgepole pine, & silver pine forest.

- slope S of Star Lake, 9300 ft. - 1 seen in mountain hemlocks amid scattering of same in whitebark pine subalpine woodland.

July 24 near Sugar Bowl Lodge, 7000 ft. [see above] - 1 pair feeding 7^+ insistently begging fledglings on limbs of firs on knoll by several cabins. 5 of young were in a close row on one branch, the others in a nearby tree; all were about 45-50 ft. above ground.

July 25 Flock of 5 seen in forest near lodge.

July 31 1^+ heard singing, the first full songs heard for 20 days.

Aug. 3 About 20 encountered, a few in each of 3 aggregations of small birds (warblers, chickadees, etc.) on a 2/3 mi. walk thru dense forest.

Aug. 10 – 16 2 to 10 on each of most trips thru denser forests (red fir + pines).

Aug. 25 7100 ft., 1/3 mi. S Donner Pass, Placer Co. Calif. 3^+ heard in patches of dense forest of red fir, lodgepole & silver pine fronting on a rocky, chaparral-covered slope.

Regulus calendulus

June 17 near Sugar Bowl Lodge, 7000± ft, 1.2 mi. SSW Donner Pass, Placer Co., Calif.
2 heard singing in red fir - lodgepole pine - white pine forest, both on fairly gentle NW slope.

June 17 (p.m.) Yuba Pass, 5800 ft. Nevada Co., Calif - 1 heard singing in dense conifers (yellow-Jeffrey pine, incense cedar, white fir, etc.) near a small pond.

June 20
.. 21} near Sugar Bowl Lodge, 7000 - 7300 ft (see above) — 5 heard singing on one 2 hr. walk in red fir - white pine forest on steeper N-facing slope. 3 singing in forest below Sugar Bowl itself on 21st.

June 23 (late a.m.) 5100 ft., 1/3 mi. S Lake Spaulding, Nevada Co., Calif. - 1 heard singing in tall, dense conifers.

July 1
July 3} near Sugar Bowl Lodge (see above) — 2+ singing regularly in red firs - white pine forest on N. base of Disney Mtn & Crow's Nest Peak respectively. The former one is accompanied occasionally by a scolding ♀; but so far I have located no nest.

July 6 - 6800 ft, near Norden R.R. Sta., Placer Co., Calif. - 1 singing in rather open lodgepole pine - red fir forest near large meadow. This locale a much more xeric one than those listed above.

July 7 7100 ft., 1/3 mi. S Donner Pass, Placer Co., Calif. - 1 singing in same vicinity as R. satrapa (see that sp.). This occurrence of both kinglets in the same areas & even the same trees at times is amazing. One would think they would compete ecologically, yet no evidence of animosity between them has come to my attention.

July 9 - 7100 ft. middle Martis Cr., Placer Co., Calif. - 1 heard singing, 1 seen in conifers near aspen-lined stream.

Cogswell
1950

Regulus calendula

July 11 (early a.m.) 6900-6500 ft. 3 mi. W, 1 to 3 mi. S Donner Pass, Placer Co., Calif. 2 heard singing (in white fir - Jeffrey pine - lodgepole pine forest) & several calling in various conifer associations (upper Transition into Canadian zones)

July 18 7100 ft., 1/3 mi. S Donner Pass [see p. 1] — 1+ heard singing

July 17 to July 25 near Sugar Bowl Lodge, 7000+ ft. [see p. 1] - 1 to 4 recorded on each of 4 visits to dense forest areas, usually by hearing it sing (thru 25th at least). This sp. is more localized in the continuous forest stands than R. satrapa, however, and was not found so commonly as that sp. during this period even tho satrapa has ceased singing.

early august None recorded despite several coverages of these same areas — probably because singing stopped.

Aug. 14 N base "Disney Mtn.", 7000 ft., near Sugar Bowl Lodge [see p. 1] A pair seen feeding 2+ fledglings (1 of them out of the nest, the other running in & out to grab food from adult). There were probably several more in the nest, which was situated among dense fir foliage on a 50 ft. high branch of a red fir along border of cleared ski slope in a dense fir + pine forest. A male sang regularly from an area 50-150 yards within the forest from the NEST tree earlier this season.

Aug. 18 near Sugar Bowl Lodge, 7000 ft. [see p. 1] - 1 seen in forest N of lodge. It called the harsh "jid-it" note, which seems to be used very little by breeding birds.

Cogswell
1950

Vireo solitarius

June 23 } N. side Bear Valley, 4585 ft., Nevada Co., Calif. - 2 singing
July 7 } (1 of them seen well) in large black oaks just within
July 21 } edge of yellow pine - incense cedar forest.

July 8 7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1 heard singing from dense thicket of bitter cherry, tobacco-brush, and small aspens — with scattered Jeffrey pines & white firs nearby. This is on a steep S.-facing slope.

July 22 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 heard singing from tall black cottonwoods where mixed with a few lodgepole & Jeffrey pines.

July 25 } near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass,
July 31 } Placer Co., Calif. - 1 seen in tree canopy of forest clump (red fir - lodgepole & silver pines) at border of willow thickets of wet "Cowgill meadow." It was singing.

July 25 } 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1+ seen
Aug. 2 } (singing at less than normal full speed) in similar
Aug. 3 } area to July 8.

Aug. 3 near Sugar Bowl Lodge [see above] - 1 seen in fairly dense red fir + pine forest; it was among flock of warblers, nuthatches, chickadees, etc. & 2 warbling vireos.

Aug. 4 N. side Bear Valley, 4590 ft., Nevada Co., Calif. - 1 heard singing in black oak - yellow pine - incense cedar forest edge.

Aug. 11 7100 ft., 1/3 mi. S Donner Pass, Placer Co., Calif. - 1 heard singing.

Aug. 12 near Sugar Bowl Lodge [see above] - 1 heard singing in forest. I am surprised to find these obviously up-mtn.-migrants still singing fairly lustily.

Aug. 17 1 heard giving a hesitating, subdued song.

Aug. 18 Emigrant Gap, 5100 ft., Placer Co., Calif. - 1 heard singing in small black oaks + chaparral.

Aug. 27 6900 ft., 1/3 mi. SW Donner Pass, Placer Co., Calif. 1 heard singing in conifer forest by a opening.

Cogswell
1950

Vireo gilvus

June 17
9:30 ± a.m.

near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Several heard singing in the scattered young (a few old) red firs & lodgepole pines in "Cowgill meadow" which is otherwise grown to clumps of low willows with much wet ground & snowbanks with only dead vegetation or forbs just sprouting. One male was seen singing in a low thicket of still leafless willows near the firs; it interrupted this behavior to approach another vireo, presumably a ♀, which came into the same thicket, mounted it briefly, & then went back to singing. The ♀ fluttered her wings slightly, & soon picked up a thin strip of bark & flew off with it to the firs, the ♂ following closely. From the detached clump of firs I watched them go on into the edge of the main forest at the S border of the meadow. When I reached there the ♂ was singing regularly from a close-growing group of 2 *Pinus monticola* & 1 *Tsuga mertensiana*. He chased a ♂ Audubon warbler from these trees by repeated short flights directly at the warbler, accompanied by a querulous scold note immediately followed by bill snapping. A Red-breasted nuthatch which alighted within a few feet of the singing vireo not 5 min. later was unmolested. The ♀ came & went several times, the ♂ following her away, but returning to sing for some several minutes each time before she returned. Finally I located the nest #1. It is hung from a twig crotch near the tip of a

Vireo gilvus

June 17 (cont'd) - southward projecting branch of a Pinus monticola, 25 ft. up, from patch of bare ground which is surrounded by 3 to 6 ft. deep snowbanks. The nest is open to the sky only in a small area to S & E of zenith. It has a lot of wide, dead leaves of some strap-shaped variety used in the outer portion, which seems quite complete. The site is 75± ft. within the forest from the edge of the meadow & on the snowy side of it at that.

June 18 This nest not visited; but the several singing & foraging birds noted today were all in, some well within, the red fir - lodgepole pine forest. Perhaps its because the alders & willows of the nearby meadow are leafless or with buds just opening.

June 23. N. side Bear Valley, 4985 ft., Nevada Co., Calif. - 2 singing in black oaks at edge of conifer forest & large grassy meadow.

June 24 } July 5 } Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co. Calif. 2 singing from riparian woodland (tall black cottonwoods + willows & other shrubs).

June 24 - W. of Donner Lake, 5950+ ft., Nevada Co., Calif. - 2 singing from tall aspens along inlet creek, & occasionally from the intermixed Jeffrey & lodgepole pines.

June 27. Reno, 4500 ft., Washoe Co., Nev. - 2 heard singing in Fremont cottonwoods & catalpa trees of residential area.

June 28 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. at 5:30 p.m. (PDST) 2 flew rapidly across the porch on the SW side of the lodge, one pursuing the other at ~~a~~ close (few inches) ~~distance~~ quarters. They

Vireo gilvus

June 28 (cont'd)

veered about erratically, and a moment later Dr. Joel Gustafson, who occupies the 3rd floor room at the E. end called to me & gave me the 2 birds which had crashed into the glass pane of the door of his room facing the porch. Both were dead, having apparently flown into the glass because of reflection of the outside view therein.

I prepared one (my cat. # 147), which proved to be a ♂, and Geo. Treichel did the other, which was a ♀.

There are still 3+ other singing ♂♂ in or near the 20+-acre willow thickets of "Cowgill meadow" near the lodge.

June 29 - Bird on nest ~~described~~ on June 17.

July 3. The nest described above on June 17 today held a bird, apparently incubating, and another sang nearby in the edge of the forest & willows.

July 4 } N.E. end Lake Van Norden, 6800 ft., Placer Co., Calif. - 2+ singing
July 6) from willow thickets (now fully leafed out) along wetter parts of meadow — forest border.

July 7 Yuba Pass, 5800+ ft. Nevada Co. Calif. - 1 singing from small thicket of willows at end of small pond otherwise surrounded by conifer forest. Also 1 seen at Bear Valley a few mi. N of here (see June 23 note).

July 8 Cisco Grove, 5650 ft. (see above) - of 3 seen in late a.m., only 1 sang.

July 10 Truckee River, 5600 ft. Nevada Co. Calif - 1 heard singing in 50 - 100 ft. wide strip of willow thicket which borders the stream here in belt of arid Jeffrey pine & sagebrush forest.

July 11 (early a.m.) 6300 ft.; 2½ mi. W, 3½ mi. S Donner Pass, Placer Co. Calif. - 2 singing from scattered, small black oaks in mountain chaparral area on S-facing slope

Vireo gilvus

July 12 Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev.
1 heard singing from mixed stand of Jeffrey pines, white firs, & black cottonwoods on alluvial fan in mouth of canyon; stream nearby.

July 13 near Sugar Bowl Lodge [see p. 1] - 1 adult seen carrying food to the nest of June 17, which now apparently contains small young, 26 days after it was being built!

July 13, July 18 } 7100 ft., 1/4 mi. S Donner Pass, Placer Co., Calif. - 1 adult feeding young birds (several days old) in another NEST located about 11 ft. up in a hung from a subterminal twig crotch of, a thicket of mountain alders.

July 17 near Sugar Bowl Lodge [see p. 1] - 1 ad. seen at same nest of young and another heard singing nearby in willow thickets of "meadow" near forest edge. (also singing on July 22)

July 18, " 19 } N.E. side L. Van Norden, 6800 ft., Placer Co., Calif. - 1 singing from willow & aspen thickets containing & close to scattered tall conifers.

July 22 Cisco Grove, 5650 ft. on S Fork Yuba R., Placer Co., Calif.
3 heard singing in 1 hr. visit to riparian woodland (black cottonwood & aspen) along "flat".

July 23 near High Meadow, 7900 ft., Carson Range, Eldorado Co., Calif. - 1 singing from tall aspens along stream.

July 25 near Sugar Bowl Lodge [see above] - 2 singing in & near "Cowgell meadow", neither near the June 17 nest.

July 31 1 seen (silent) among warblers, etc., in denser conifer forest N of lodge, but near opening with low alders.

Aug 3 - 2 seen in similar situation (also not singing).

Aug 5 Cisco Grove [see above] - 1 heard singing & another seen in tall cottonwoods.

Cogswell
1950

Vireo gilvus

Aug. 8 near Sugar Bowl Lodge [see p. 1]. 2+ heard calling & 1 singing in & near the "Cowgill meadow" (willows) & adjacent conifer forest.

Aug. 12 2 seen in dense conifer forest (not singing) with many warblers.

Aug. 14 1 - ditto.

Aug. 22 Onion Cr. Canyon, 6050 ft. 2 mi. W, 3 mi. S Donner Pass, Placer Co, Calif. - 2 heard (calling), 1 in black cottonwoods along stream, the other in mountain alder thicket near small muddy pool in tiny meadow.

Aug. 24 Ice Lakes Camp Ground, 6900 ft. 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. - 1 came thru low dead brush at edge of 1/10± acre pool in dense forest to get to the water's edge without making a long flight in open. The tree canopy is (other than at the brushy spot) about 30 feet from the water, which distance tits & other small birds seemed reluctant to cross. [see also Vermivora celata, Dendroica auduboni]

General:

The foraging habitat in & near Donner Pass of this sp., although apparently always including some broad-leaved growth, also takes in a considerable portion of any adjacent conifer forest. The June 17 nest described above is not the only one we found in conifers, several being located thus in 1948. At altitudes low enough to have tall riparian trees & brush, this species is nearly restricted to them, or to black oaks.

Cogswell
1950

Vermivora celata

"Cowgill meadow"
July 3 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif.
1 singing(!) from dense willow thickets in wet meadow. The bird was also seen at close range. Since we have not found them in this area during frequent coverages in the past 2 weeks, I assume this occurrence represents up-mountain post-breeding dispersal.

July 5. 7100-7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - During 3/4 hr. spent along a truck road in + near thickets of bitter cherry, tobacco-brush, snowbrush, + aspen 1 full vigor song of this species was heard + 1♂ + 1♀ or young were seen. The latter foraged both in the shrubs and in admixed scattered white firs. These birds again probably have moved up from lower altitudes since none were found here on visits to same spot in June.

July 8 5 or 6 individuals seen in this same area, most of them very dull below (= immatures?)

July 8 - 1 singing still from willow thickets near lodge (see July 3).

July 13 - "Cowgill Meadow" near Sugar Bowl Lodge [see above] - 1 seen in willows.

July 19 E. end L. Van Norden, 6760 ft., Placer Co., Calif. - 1 in willow thickets (over water) of inlet stream - mouth; it was involved in a brief chase thru the bush canopy with a ♀ *V. ruficapilla*, first one + then the other being the pursuer.

July 20 "Cowgill Meadow" [see above] - 3+ seen in willows.

July 22 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif.
1 in undergrowth of dogwood, willow, + aspen along stream.

July 23 just SW Star Lake, 9300 ft., Carson Range, Eldorado Co., Calif.
1 seen at close range in open (subalpine) forest of mountain hemlock + white-bark pine.

Cogswell
1950

Vermivora celata

2

July 25}
" 27} 7100+ ft., ¾ mi. W Donner Pass, Placer Co., Calif. - 3+ seen in edge of extensive shrub thickets (see July 5).

July 26 8800 ft., 2 mi. S, 1 mi. E Mt. ~~Ro~~ Rose, Carson Range, Washoe Co., Nev. - 1 seen in sparse subalpine forest of whitebark pine, mountain hemlock, lodge-pole & silver pines; it was foraging primarily in the hemlocks, altho a copse of willows was visible in a sandy hollow nearby.

July 31 near Sugar Bowl Lodge [see p.1] - 2 or 3 noted on each of 3 short visits to forests; they now seem to be spreading thru forest without regard for tree species.

early Aug.} Increasingly common, a very big influx having taken place in the 1st two days of this month. About 100 est. were recorded on a ~~2~~ 1½ hr. walk thru forest of red fir, lodgepole & silver pines N of lodge on Aug. 3, fully 30 of them in one loose "flock" (with other species admixed). None of these birds sang.

Aug. 5 Cisco Grove [see p.1] - about 8 or 10 encountered in 1¼ hrs. spent in & along edge of riparian woodland.

Aug. 6 Daggett Pass, 7450 ft., Carson Range, Douglas Co., Nev. 2 seen in scattered shrubs of open forest of Jeffrey pine forest on dry ridge.

Aug. 7 near Sugar Bowl Lodge, [see above] - the big wave has receded somewhat - only about 30 total seen in same area & similar coverage as on Aug 3.

Aug. 11 Still fewer, but still found here & there all thru forest & shrub thicket areas.

- 7100 ft., ⅓ mi. S Donner Pass, Placer Co., Calif. - about 5 seen or heard calling + 2 heard singing (!) in forest patches + interspersed alder, cherry & huckleberry, oak thickets.

Vermivora celata

Aug. 14 } near Sugar Bowl Lodge [see p. 1] - about 10 encountered
Aug. 18 } on a 2 hr. slow walk thru conifer forest + along edge of willow dotted meadow.

Aug. 15 E. end L. Van Norden - about 10 in willows of inlet creek mouth (cf July 19). apparently migration is still going on in force, despite passing of the big wave of Aug. 3.

Aug. 21 Prosser Cr., 5650 ft., 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif. - 2 seen in much browsed, scattered willow clumps along the creek banks in open, grassy valley. Surrounding hills, a few hundred feet away, are sagebrush or sagebrush + open Jeffrey pine forest.

Aug. 24 - 7100± ft., 3/4 mi. W Donner Pass [see July 5] - 2+ in thickets of bitter cherry, etc., where commoner earlier.

- Ice Lakes Camp Ground, 6900 ft., 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. - about 15 seen during 1 1/4 hrs spent in lodgepole pine - red fir forest on bouldery, flattish slopes NE of Dulzura L. most of them were foraging in foliage + on smaller branches of the conifers; and at a small water-filled hole (40± feet × 60± ft.) in middle of the forest there was a regular trooping of small birds down to the waters edge for drinking + bathing. 5 or 6 of this sp. were involved, all of them moving in a circuitous route thru forest to go to the water via a dead ~~[illegible]~~ tree top which extended from forest into the water, thereby avoiding the 30± ft. wide opening elsewhere.

Vermivora ruficapilla

N of

June 17. Big Bend Cp. Grd., 5850 ft., near S. Fork Yuba River, Placer Co., Calif.
2 heard singing in dense shrub thickets (partly soft-leaved, partly sclerophyll) along wide clearing thru conifer forest by several parallel power lines.

June 21 7100-7200 ft., 3/4+ mi. W Donner Pass, Placer Co., Calif. - 3 singing (1 of them seen) in dense thickets of bitter cherry, tobacco brush, mountain maple, etc., and at times in the scattered white firs & Jeffrey pines. This is on steep S. facing slope.

June 22 7000 ft. 3/4 mi. E Soda Springs, Nevada Co., Calif. - about 5 singing ♂♂ (2 seen) on this SW-facing shrub & sparse pine-covered slope. The vegetation is similar to the last locale, but without the maple & with more trees & many small aspens. 40 min. spent in area.

June 24 SW corner Donner Lake, 5950 ft., Nevada Co., Calif. - 1 singing from rather dense forest of Jeffrey pine, red fir, and lodgepole pine with good understory of tall shrubs. This is near bit of willow thicket and a few cottonwoods along Lakeview Creek.

June 30 (a.m. & p.m.) Big Bend Camp Grd., 5800 ft., on S. Fork Yuba R., Placer Co., Calif.
1 ♂ singing in 1+ acre of mountain alders in opening of forest of tall, dense white firs, Jeffrey pines, etc. The bird came, with other species, to my whistled owl call.

July 5 same locale as June 21 - 3 heard singing, 2 (others?) seen.
- 6500 ft., 5½ mi. W, 1½ mi. N Tahoe City, Placer Co., Calif. - 1 heard singing from dense shrub thickets (mixed hard & soft leaves) with sparse, tall conifers — by Squaw Valley ski lift.

July 8. same locale as June 21 - 5± heard singing or seen.

July 11 6600-6300 ft. 2½ mi. W, 3¼-3½ mi. S Donner Pass, Placer Co., Calif. - 2 heard singing in chaparral & small black oaks.

Cogswell
1950

Vermivora ruficapilla

July 13 "Cowgill Meadow" 7000 ft., ~~¾~~ 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 ♂ seen in willow thickets of this quite wet area —— where they do not nest. This is the first record this season away from probable breeding areas.

- ¼-⅔ mi. N Donner Pass, 7200-7300 ft., Nevada Co., Calif. - 2 seen in low shrub thickets (manzanita, Spiraea, huckleberry oak, Ceanothus cordulatus) and scattered or patchy pines & firs. These areas probably also not breeding ones because of low stature of shrubs & relative dryness.

July 19 E. end L. Van Norden, 6760 ft., Placer Co., Calif. - 1♀ in willow thickets in stream-mouth; it was involved in a chase with a Vermivora celata (q.v.)

July 25 }
July 27 } 7100+ ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1♀ seen in same tall, dense shrub area where several probably nested [cf. June 2]

July 31 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 2 ♂♂, 1♀ seen in red fir - lodgepole pine forest and narrow strip of low alders in opening of same.

Aug. 1 E. end L. Van Norden [see above] - 2 seen.

Aug. 2 7100 ft., 3/4 mi. W Donner Pass [see above] - 3 seen
- near Sugar Bowl Lodge [" "] - several, with other warblers.

Aug. 14 2+ seen in red fir + pine forest N of lodge.

Aug. 15 E. end L. Van Norden - 2 in willows

Aug. 22 6300 ft., Am. River C. road, 3+ mi. S L. Van Norden, Placer Co., Calif.
1 seen in dense chaparral of Ceanothus cordulatus & fresnensis?, manzanita, Prunus emarginata, & chinquapin with scattered small black oaks & tall yellow pines.

~~Aug. 28~~

Vermivora ruficapilla

Aug. 23 Galena Cr. Camp Ground, 6600 ft., Carson Range, Washoe Co., Nev. — 1 neat, bright-plumaged male (apparently with new feathers nearly grown — or else not yet molting) seen in Jeffrey pine - white fir - black cottonwood forest on rocky alluvial fan in canyon-mouth.

Aug. 24 7100 ft., 3/4 mi. W Donner Pass [see p. 1] - 1 seen in dense thickets with few fir & pine trees nearby.

- 6900 ft., NE Dulzura L., 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. - 1 seen in lodgepole pine - red fir forest (cf. nos. of V. celata, D. auduboni.)

Aug. 25 near Sugar Bowl Lodge - 2+ seen in alders of forest openings; at least one was an ad. ♂.

Cogswell
1950

Dendroica aestiva = petechia

June 17 - Chubb Lake, 5250 ft.; in center of Sec. 22, T17N, R12E, Nevada Co. Calif. - 1 heard singing in area of black oaks & chaparral + young cedars.

June 20 } June 30 } Soda Springs, 6750 ft. Nevada Co. Calif. - 2 singing from tall, dense willow thickets along S. Fork Yuba R. This is the same area as the highest altitudinal occurrence of singing individuals I noted in 1948. For some reason this sp. does not seem to occur in the willows & alders near Sugar Bowl Lodge (7000 ft.), perhaps because of the snow lingering up to 1 month longer there + leaves coming out late as a consequence.

June 24 (a.m.) Cisco Grove, 5650 ft. on S. Fork Yuba R., Placer Co. Calif. - 3 heard singing in 1/8 mile of riparian woodland consisting of tall black cottonwoods + short willows, dogwood, etc.

(p.m.) W. end Donner Lake, 6000 ft. Nevada Co. Calif. - 1 singing from strip of aspen trees + tall shrubs along inlet creek. Many pines are admixed here even up to the stream.

June 25 - 5100± ft., mouth of Cold Cr. canyon, S Sierraville, Sierra Co. Calif. 2 heard singing in riparian woodland.

June 27 Truckee River between Verdi & Reno, 4800-4500 ft. Washoe Co. Nev. - 3 heard singing in Black (near Verdi) and Fremont cottonwoods along foothill & valley stream.

June 28 Boca, 5500 ft. Nevada Co. Calif. - 1 heard singing in narrow willow - alder riparian strip along Truckee River.

July 4 1/8 mi. NE Lake Van Norden, 6800 ft. Placer Co. Calif - 2 seen, 1 of them a singing ♂, in tall willow thickets at border of broad ~~grassy~~ sedge + clover meadow and open conifer forest. This is about 1½ mi. E of June 20 & June 30 records. Still none have been located at Sugar Bowl 1½ mi to SSE.

Dendroica aestiva (= petechia)

July 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif.
3 heard singing in same area as on June 24. One fledgling was BANDED (#47-81431). As I picked it up from its perch in a low willow near the stream, the adult ♂ came to within 8 ft. of me, calling loudly with wings fluttering & tail spread.

July 8 Still 3 singing ♂♂ here; no sign of fledglings.

July 9 SW end Lake Tahoe, 6240 ft., Eldorado Co., Calif. — 1 singing from 1-200 ft. wide strip of lodgepole pines on low sand dune along shore, isolated from any riparian woodland habitat by broad tule & pondweed marshes & open fields.

July 10 Truckee R. at Union Mills, 5600 ft., Nevada Co., Calif. — 2 singing from narrow willow thicket strip along turbulent stream.

July 11 (early a.m.) 6500-6300 ft., 2½ mi. W, 3½ mi. S Donner Pass, Placer Co., Calif.
3 heard singing in small black oaks scattered on dense chaparral-covered S-facing slope, well away from any stream.

July 12 } July 26 } Reno, 4500 ft., Washoe Co., Nev. — Several heard singing from shade trees as we drove along city residential areas.

July 22 Cisco Grove [see above] — about 8 encountered in the usual ¼ mi. stretch of riparian woodland. Several in full song yet...

July 23 Brockway, 6250 ft., N. end L. Tahoe, Placer Co., Calif. — 1 heard singing from aspens along small stream by forest edge.

Aug. 5 Cisco Grove [see above] — 2 heard singing in cottonwoods.

Aug. 6 Carson City, Ormsby Co., Nev. — 10± in shade trees of state capitol grounds; only 1 was singing (at noon).

Aug. 9 Reno — 2+ singing in Idlewild Park, + 1 ♀ seen.

Aug. 16 Cisco Grove [see above] — 3+ heard singing, others calling & seen.

Cogswell
1950

Dendroica aestiva (= petechia)

Aug. 18 S.E. end Bear Valley, 4600 ft., Placer Co., Calif. - 1 singing from single huge maple (A. macrophyllum) by rock outcrop which marks edge of broad grassy valley. A few black oaks are scattered along nearby forest edge, and well spaced white alders along the stream (Bear R.), a ~~few~~ hundred ~~feet~~ yards N

Aug. 21 Prosser Cr., 5650 ft., 1 1/3 mi. E, 3 1/2 mi. N Truckee, Nevada Co., Calif. - 2 adults (? both ♀♀) and at least one fledgling seen in browsed-back, scattered willows along stream in this open, grassy valley. The 2 adults both scolded when we approached the young one, which was deep within a thick bush & un-reachable.

Aug. 22 6300 ft., Am. R. Canyon road, 3^+ mi. S L. Van Norden, Placer Co., Calif. - 4 heard singing from scattered small black oaks & taller yellow pines on an otherwise dense chaparral-covered slope.

Aug. 23 Galena Cr. Camp Ground, 6600 ft., Carson Range, Washoe Co., Nev. - 1 seen in sparsely-branched Ceanothus & lower limbs of cottonwoods & conifers a few yards from stream.

Aug. 25 6900^+ ft., 1/2 mi. SW Donner Pass, Placer Co., Calif. - 1 seen in willows along trickle of a stream, with conifer forest all around. This is closest to Sugar Bowl & to Donner Pass I have yet found this species. Its absence from the early August general influx of various warblers at the higher altitudes seems noteworthy. They also sang more regularly into August than other species of warblers. (to Aug. 22 at least, see above).

Cogswell
1950

Dendroica auduboni

June 17 to June 30) near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. – 2 to 5 singing ♂♂ on all 1 to 2½ ~~2½~~ hr. walks in red fir, lodgepole pine, white pine forests.

June 20 · Soda Springs, 6750 ft. Nevada Co., Calif. – 1♂ in full breeding plumage, and a ♀ separate from him, were foraging on the ground & about wood litter at horse corral, with the nearest trees (lodgepole pines) 150 to 300 ft away.

June 23 - N. side Bear Valley, 4585 ft., Nevada Co., Calif. – 2 seen in edge of dense incense cedar, yellow pine, & black oak forest.

June 24 Cisco Grove, 5650 ft. on S. Fork Yuba R., Placer Co., Calif. 1♂ seen in tall Black Cottonwood trees, but near lodgepole & Jeffrey pines.

June 30 Big Bend Camp Ground, 5800 ft. on S Fork Yuba R., Placer Co., Calif about 5 heard singing in tall, dense conifers (white fir, Jeffrey pine, lodgepole pine). 1♂ & 1♀ came to my whistled owl call, along with other species.

July 7 - N. side Bear Valley, 4585 ft. (see above) – 1♂, 1♀ seen in edge of conifers.

- 5100 ft., ⅓ mi. S Lake Spaulding, Nevada Co., Calif. – 5± heard singing in tall, dense forest of white fir, yellow pine, incense cedar, & sugarpine (few), with good understory.

July 14 near Sugar Bowl Lodge [see above]. 2 NESTS located, each situated on the leafy part of a much-branched horizontal limb of a red fir; but tho on the main branch, each was fairly well hidden by small twigs & needles around it. Pair of adults feeding young in each nest.

The first nest, about 18 ft. up over a wet, boggy

Cogswell
1950

Dendroica auduboni

July 14 (cont.)
area at border of Cowgill meadow, was so thin that the partly feathered young ones had poked a hole thru the bottom. One of them was giving a food call from low rank herbs almost immediately below the nest; one of at least 2 others in the nest was straddling the hole, its naked belly plainly visible from below as it grasped the shreddy borders of the hole with widely spread legs.

I captured and banded (#47-81433) the young bird on the ground. As I approached it, the adults came to within 15 ft., both giving vehement "tchup" notes. As I picked up the young one, it gave a little squeak and the ♂ parent immediately came to about 4 feet in front of me and performed a zig-zag display with wings and tail spread, the latter widely.

The second NEST was about 15 ft. up over dry forest floor, in a tree along the dirt road but on the side toward forest.

July 17. Young in each of these nests still being fed by adults. I could not locate the bird I banded 3 days ago near where I had released him by setting him in a bush.

July 19 } 15 to 20 on early morning visits of 1± hr.
" 20 } to suitable forest & forest edge areas. Fledglings being fed by adults on 20th.

Cogswell
1950

Dendroica auduboni

July 23 ~~High~~ meadow, 7800 ft. to near Star Lake, 9200 ft., Carson Range, Eldorado Co., Calif. – 12+ counted in about 3½ mi. of trail thru (first ⅔±) sparse red fir – lodgepole & silver pine forest & (last ⅓±) in subalpine ~~f~~forest of whitebark pine & mountain hemlock,

"Krummholz" & fell-fields on Freel Peak & Job's Sister saddle, 10,200 – 10,500 ft., Carson Range, Eldorado Co., Calif. 4 seen, fly-catching about stunted whitebark pines & open rocky slopes above them.

late July near Sugar Bowl Lodge, 7000 ft., conifer [see p. 1] – still common & even more widespread than earlier in summer, being now also noted in willow & alder thickets well away from conifers. Singing is much less frequent, tho still heard occas. in early a.m. 1 pair seen feeding several fledglings on 31st.

Aug. 3 about 50 seen or heard in fairly dense red fir – lodgepole & silver pine forest N of lodge on 1½ hr. walk (1± mi.) thru same in mid p.m. Several fledglings seen begging food from ads.

Aug. 4 1 juvenal banded (# 47-81435). It was 1 of 2 which were in gov't sparrow trap set on board under edge of forest along clearing for buildings & road. Bait of chix feed & suet. The other escaped from my hand without being banded.

~~m~~mid-aug. Increased nos. in forest now. Many young being fed by adults, but all in loose flocks & moving about.

Aug. 17 5900 ft. 3 mi. E, 5 mi. N Hobart Mills, Sierra Co., Calif – {in arid sparse Jeffrey pine forest.}

Cogswell
1950

Dendroica auduboni

Aug. 18 near Sugar Bowl Lodge, 7000 ft., [see p. 1] — about 30 in single loose flock (incl. some other sp. also) in forest just N of lodge.

Aug. 21 near Prosser Cr., 5700 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co. Calif. - several seen in sparse, arid forest of Jeffrey pine + low sagebrush. This seems not to be a breeding area, but probably represents post-breeding dispersal downslope (as does also Aug. 17 record, above, in same habitat).

Aug. 24 Ice Lakes Camp Ground + vic., 6900 ft., 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. - an est. 200 seen or heard in 1¼+ hrs. spent in traversing or "sitting still" here + there in mod. open lodgepole pine — red fir forest. Many of them were coming in to drink and/or bathe at a small pond in forest. They, along with most other small birds there [see V. celata, Vireo gilvus], came around thru forest canopy to approach water thru a dead tree which lay with its top in the water. The branchwork (+ even some needles) being more or less intact provided cover + enabled them to avoid crossing the 30± ft. space between tree canopy + water elsewhere.

to
Aug. 26 near Sugar Bowl Lodge [see p. 1] - continued common, tho some other sp. of warblers seem less so the last few days.

Cogswell
1950

Dendroica nigrescens

June 23 N. side Bear Valley, 4585 ft., Nevada Co. Calif. - 1 ♂ seen + heard singing in large black oaks just within yellow pine - incense cedar forest near large grassy meadow.

June 30 Big Bend Camp Grd., 5770 ft., on S. Fork Yuba R. Placer Co. Calif. - 1 ♂ seen in dense forest of white fir, Jeffrey + lodgepole pines near an alder bordered stream. It was foraging in the lower + middle part of the canopy of 40-70 ft. firs, giving only the "tilp" call note. I do not think this species nests here, for I have visited the area several times in summer of 1948 + on June 17, 1950, without finding any singing or nesting.

July 7 - None found at the Bear Valley locale of June 23. [nor at subsequent visits here on July 21, Aug. 4

Aug. 11 Just N Big Bend Camp Grd. [see above] 5850 ft. - 1 ♂ seen in dense shrub (mixed hard + soft leaves) area under power lines; conifer forest + a few low scraggly black oaks nearby. When we approached the bird flew into lower branches of the oaks + finally on toward taller pines. No song was given.

Aug. 17 Hampshire Rocks, 5900 ft. on S. Fork Yuba R. Placer Co. Calif. 1 ♂ seen foraging in about upper branches of scattered Jeffrey + lodgepole pines in mixed conifer + cottonwood stringers on rocky flat near stream.

Aug. 18 near Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass, Placer Co. Calif. - 1 ♀ seen, with other warblers, in dense red fir - lodgepole + silver pine forest.

[~~the~~ last 4 records all probably, + ~~the~~ last 2 certainly, represent up-mtn- post-breeding movement]

Cogswell
1950

Dendroica occidentalis

[N.B. - later records than Aug. 10 were only of birds heard or glimpsed, hence not definitely this species]

June 17 - Big Bend Camp Grd., 5800 ft., on S. Fork Yuba R., Placer Co., Calif. 1 heard singing from tall, dense conifers (white fir, Jeffrey & lodgepole pines). The song is drawling in the first 3 or 4 notes, much like that of D. nigrescens, but then runs into a light, see-sawing trill without the drawling quality. [a ♀ was seen feeding young here in 1948]

June 23 5100 ft., 1/3 mi. S Lake Spaulding, Nevada Co. Calif. - 2 heard singing in tall, dense forest of white fir, incense cedar, yellow pine, & few sugar pines & Douglas firs. There is a good understory of dogwood, Ceanothus integerrimus, thimbleberry, etc. along the road; but the warblers do not seem to use it, staying rather well up in the tall trees. However, this sp. has yet to be located in similarly dense red fir + lodgepole or white pine forests in the Canadian zone (which lack understory).

June 30 (a.m.) Big Bend Camp Grd., 5800 ft. (see above) - 2 ♂♂, which had been singing, interrupted same to come to my whistled owl call (Pygmy - Saw-whet) & scold from lower branches of tall firs.

(p.m.) 1 ♂, 1 ♀ came to owl call in same place.

July 7 5100 ft., 1/3 mi. S Lake Spaulding (see above) - 1 heard singing

July 17 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 ♀-plumaged individual seen in red firs at forest edge by willow-filled "meadow"

July 31 3+ ♀♀ (or imms.) seen in red fir - lodgepole + silver pine forest. — on 1½ hrs. spent slowly walking there.

Aug. 3 15± seen in same area on similar coverage - all ♀♀ or imm.

Aug. 10 Ice Lakes Camp Grd. 6900 ft., 3 mi. W 1 mi. S Donner Pass - 1 ♀ seen.

Cogswell
1950

Oporornis tolmiei

June 17 } Big Bend Camp Grd., 5800± ft., on S. Fork Yuba R., Placer Co., Calif
June 30 } 2 heard singing in cherry, Ceanothus, & huckleberry oak thickets of wide cleared strip under power lines.

June 22 7000 ft., 3/4 mi. E Soda Springs, Nevada Co., Calif. - 1 ♂ seen (singing) in dense chaparral of bitter cherry, *Ceanothus cordulatus* & *velutinus*, manzanitas & huckleberry oak, with short aspens, & tall Jeffrey pines scattered here & there. & considerable surface moisture. This is on a SW-facing slope near forest edge.

June 29 }
July 13 }
July 18 } 7100 ft., 1/3 mi. S Donner Pass, Placer Co., Calif - 1 singing regularly (a.m. & p.m.) from bitter cherry thickets amid chaparral (huckleberry oak, manzanita, etc.) on W-facing slope. There are scattered tall pines & firs in the chaparral & denser forest nearby.

July 3 }
July 11 } 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif - 1 singing from willow thickets surrounding a clump of young red firs about 200 ft. from forest edge. This is the same ~~spot~~ area which was occupied by a singing ♂ in 1948; but I am quite sure it was not here in mid June of this year.

July 5 Squaw Valley ski lift, 7000± ft., in Sec. 31, R16E, T16N, Placer Co., Calif - 1 seen in top of young fir on shrub-covered slope & 1 heard singing in extensive huckleberry oak thickets with small amount of admixed bitter cherry & aspen.

July 8 7100± ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 2 heard singing & seen in dense thickets of bitter cherry, mountain maple, tobacco-brush & manzanita with sparse pines & firs admixed.

Oporornis tolmiei

July 11 6500 ft. 4 mi. SW Donner Pass, Placer Co. Calif. - 1 heard singing in chaparral composed of green leaf manzanita + Ceanothus fresnensis ~~sp~~ + few black oaks on old logged off area in Transition zone forest. This is a dry S facing slope well up from any stream (Onion Cr. is over 1/2 mi. away).

July 21 N. Emigrant Gap, 5200 ft., Placer Co., Calif. — 1 ♀ seen in mixed hard + soft chaparral + scattered pine outliers on N-facing, dry slope.

July 25 7100 ft. 3/4 mi. W Donner Pass — 3+ seen or heard, 1 of them singing, — in same area as on July 8.

July 27 2 heard calling in dense cherry + Ceanothus shrubs.

July 30 6600 ft., 1/2 mi. E Donner Pass, Placer + Nevada Co., ~~Calif.~~ - 1 ♂ seen in young pine and surrounding thickets of Ceanothus, Spiraea, aspen, + cherry about 20 yds. up from stream.

Aug. 2
Aug. 3 7100 ft. 3/4 mi. W Donner Pass - 1 heard (each date) in same shrub area where this sp. undoubtedly breeds [see above]

Aug. 5 Cisco Grove, 5650 ft. on S. Fork Yuba R., Placer Co., Calif. 2 very dull-plumaged ones, with almost white throats (but merging to pale gray on upper breast + then abruptly to yellow), seen in willow - creek dogwood thickets along stream.

Aug. 11 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co. Calif - 1 in similar plumage (= imm. ♀ according to F.A. Pitelka who saw it with me) in willow thickets.

Aug 15 E. end L. Van Norden, 6765 ft. Placer Co., Calif. - 1 ♀ in willows in Sugar Bowl Cr. - mouth.

Aug. 18 near Sugar Bowl [see above] - 1 in strip of low alders along narrow opening (intermittent stream) in dense conifer forest.

Cogswell
1950

Oporornis tolmiei

aug. 24 - 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1 seen & another heard in same shrub area which has held the sp. all summer [see July 8 & other dates] (but none in forest areas without understory tho other warblers common there — see "Ice Lakes" under Vermivora celata & D. auduboni)

Aug. 25 7100 ft., 1/3 - 2/3 mi. S Donner Pass, Placer Co., Calif. - 2^+ heard in cherry, ceanothus, huckleberry oak shrub area (cf. June 29 & later dates).

Aug. 26 near Sugar Bowl Lodge, 7000 ft. [see above] - 1 in edge of wet willow thicket.

[General: — this sp. seems more restricted to moist shrubbery than V. ruficapilla; for altho both are found together early in summer tolmiei does not occur widely thru forest during post-breeding period as does ruficapilla]

Cogswell
1950

Wilsona pusilla

June 17 & ff. vicinity of Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Several heard singing in border area of coniferous forest & willow thickets of meadows & streambanks. The shrubs are still leafless, with much snow on all N-facing slopes. This species, as others more characteristic of broad-leaved trees, seems to be using the conifers a great deal while the shrubs are without foliage.

June 19 An estimated 10, including several heard singing, in forest border and willow & alder thickets in this same area, on a 2 hour walk thru same.

June 22 7000 ft., 3/4 mi. E Soda Springs, Nevada Co., Calif. - 2 seen (singing) in mixed hard & soft chaparral on SW-facing slope near forest edge. The shrubs include huckleberry oak & manzanitas, aspen, bitter cherry, etc. There is much water trickling in small drainages because of melting snow.

June 24. near Sugar Bowl Lodge (see above) - more frequent in the willows of meadow area, the leaves of which are now beginning to unfold.

June 24 - W. end Donner Lake, 5950 ft., Nevada Co., Calif. - About 5 encountered in 30+ min. spent along the inlet stream, which is bordered by creek dogwood & willow, with some tall aspens. 2 ♂♂ were seen at close range as both sang & one chased the ~~other~~ thru low thickets on one side of the 10 ft. wide streambed. No actual fighting was observed, but one hopped close to the other, facing first R then L with tail ~~wagging~~ jerking rapidly.

Cogswell
1950

Wilsona pusilla

June 24 (cont.)
Finally the two flew across the streambed & one immediately returned to side where original chase had been taking place. Both of them then sang & began foraging — each apparently in his own territory now.

June 30 (a.m.) Big Bend, 5750 ft., on S. Fork Yuba R., Placer Co., Calif. - 2 came from aspen & alder thickets in shady opening of tall fir & pine forest to join other birds at my owl call.
(p.m.) Same result. Both sang at once (∴ = 2 ♂♂).

July 5 } July 8 } 7100-7300 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 3 heard singing in dense chaparral of bitter cherry, manzanita, tobacco brush, & aspen on S-facing slope. There are still some good rivulets draining the area, but it is hardly "riparian". (2 here on 8th)

July 5 } July 8 } Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 2 heard singing in dense riparian thickets of willow, creek dogwood, & aspen under tall black cottonwoods. There were several Yellow Warblers here also.

July 11 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - songs still frequent in willow thickets.

July 19 (early a.m.) 7200 ft., "Sugar Bowl" (1/4 mi SE of last) - 2 singing a few times only, from willow thickets of cold N-facing slope. Those of meadow nearer lodge seem to have largely ceased singing.

July 20 - calls, only, heard in this same spot early in a.m.

July 31 near Sugar Bowl Lodge - 1 giving a subdued song in alder thickets along stream. The species is as frequent in conifers now as in willows; mostly just foragers.

Cogswell
1950

Wilsonia pusilla

Aug. 1–2 near Sugar Bowl Lodge, 7000 ft. [see p. 2] — only songs heard now are hesitating, subdued in volume; and only a few of those. → Last heard these half-songs. Aug. 8, Aug. 11

Aug. 5, Aug. 16 Cisco Grove, 5650 ft. - [see p. 2] — 1 heard calling in undergrowth of riparian woodland.

Aug. 14 near Sugar Bowl Lodge, 7000 ft. [see p. 2] - 3 seen or heard on 1 3/4 hr. slow walk thru conifer forest bordering willow patches of wet meadow. 2 of them were in willows.

Aug. 17 Hampshire Rocks, 5900 ft., on S. Fork Yuba R., Placer Co., Calif. - 3 seen in willow-dogwood-aspen riparian thickets & admixed pines & cottonwoods.

Aug. 18 near Sugar Bowl Lodge, 7000 ft. [see p. 2] - about 10 encountered in 1/8 mi. walk thru conifer forest (red fir + lodgepole & silver pines); this is largest no. of this species yet recorded well away from the willow, aspen, & forest border habitats it breeds in. Hence, dispersal and/or migration movement is indicated — ~~[illegible]~~ about 2 wks. later than influx of several other warblers.

Aug. 24 - 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif - 2 in mixed hard & soft chaparral + patches of conifers.

(p.m.) - Ice Lakes, 6900 ft., 3 mi. W, 1 mi. S Donner Pass, Placer Co., Calif. - 3 seen in lodgepole pine - red fir forest (cf. numbers of *Vermivora celata*, *Dendroica auduboni*)

Aug. 25 7100 ft., 1/3-2/3 mi. S Donner Pass, Placer Co., Calif. about 5 seen along edges of conifer forest & interspersed with shrub patches (aspen, cherry, huckleberry oak)

Aug. 26 - near Sugar Bowl Lodge [see above] - 1 seen.

Cogswell
1950

Passer domesticus

June 19. Truckee, 5820 ft. Nevada Co., Calif — 1 pr. at R.R. Station.

June 25. Sierra Valley, 4900± ft., Sierra & Plumas Cos., Calif
common in Sierraville & at ranch buildings well
scattered thru open grassland & sagebrush thence
N to Beckwourth & Vinton.

June 27 ~~vicinity of~~ Reno & vicinity, S to Steamboat Springs
July 12 and Pleasant Valley, Washoe Co., Nevada — common
July 26
Aug. 9 in town & all along highway thru ranch district.

July 24 Truckee, 5820ft, Nevada Co., Calif — flock of about
10 noted flying up to store fronts across street
from RR station. This town, some 7½ mi E
of Donner Pass is the closest point to that mountain
barrier at which I have noted the species on
the east. None have been seen between here and
Verdi, Nevada; and none along Highway 40 in the
conifer belt on the W side of the Sierra.

Sturnella neglecta

June 20 Soda Springs, 6760 ft., Nevada Co., Calif. – 1 very dull plumaged bird (= ♀ or young ?) on small meadow just below Lake Van Norden dam, to which it flew when disturbed. I do not think the species nests at this altitude, for the snow has only melted within the past 2 weeks.

June 23 N. side Bear Valley, 4580 ft., Nevada Co., Calif – 1 heard singing in middle of large grassy area with few scattered trees.

July 7 2 flushed from tall grass in same area; they gave only harsh "dirt" call notes. [= possible nesting pair].

July 9 S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. – 4+ flushed from grassy borders of extensive marsh in 1 hr. walk.

July 19 E. end Lake Van Norden, 6770 ft., Placer Co., Calif – 1 very dull plumaged bird on open sedge + grass meadow, about 1¼ mi. E of June 20 locale. It gave no call as it flew. ~~flew silently~~

July 27 Prosser Cr., 5650 ft., 2 mi. E, 1½ mi. S Hobart Mills, Nevada Co., Calif. – 4 seen in grassy flat of 50+ acres extent, surrounded by sparse low sagebrush.

Aug. 5 (late p.m.) – Reno + roads just S + E of it, 4500± ft., Washoe Co., Nev. Fairly common in moist grassland (mostly irrigated pastureland), more so than the single birds seen on previous drives thru the area S of town would indicate (July 12, July 26). 1 song heard today.

Aug. 6 (mid-day). – valley areas near Carson City + Genoa, Ormsby + Douglas Cos. Nev. fairly common – 30± seen while driving thru grassland or sagebrush-grassland. No songs heard

Aug. 17 Little Truckee R., 5800± ft., ~~Nevada~~ Sierra Co., Calif – about 5 seen on ½+ hr. walk across willow-dotted grassland; 1 gave a subdued song.

Cogswell
1950

Sturnella neglecta

Aug. 21. Prosser Cr., 5650 ft., 3½ mi. N, 1⅓ mi. E Truckee, Nevada Co., Calif. – 6 flushed from similar grassland (but more heavily grazed by cattle) in a somewhat narrower valley than that of Aug. 17.

Aug. 23 along Highway US-395 S Reno, Washoe Co., Nev. – about 5 seen while driving thru farm & bordering low sagebrush – grass areas. [This no. higher than that recorded on previous similar trips this summer, tho perhaps not significant because of type of coverage].

Cogswell
1950

Xanthocephalus xanthocephalus - 1

June 25 - 4890 ft., 6½ mi. N Sierraville, Sierra Co., Calif. - A small colony (50+ adults seen) were busily carrying food to nests in dense cat-tails of a 3 or 4 acre reservoir adjacent to extensive wet grassland in central part of Sierra Valley.

June 27 Little Washoe Lake, 5020 ft., Washoe Co., ~~Calif.~~ Nevada - About 30 adults seen (both sexes), mostly about the small area of sparse, tall Scirpus sp in 1½ to 3 ft. of water near shore of S arm of lake. About 10 nests with from 2 to 5 eggs each were found, and 3 dead juvenal birds were found on shore. The nests were made of partly dry tule stems, woven around about 10-15 growing stems, & placed just above the water line. Apparently some disturbance of an early brood has initiated re-nestings.

July 9 S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - An estimated 200 adults & many fledglings seen in & near extensive, tule marshes E of Camp Richardson on a 1 hr. walk along it.

July 12 Little Washoe Lake (see above) - 1♂, 2♀ seen at NW end of lake; no evidence of nesting here, ½ mi. from colony described on June 27.

July 26 Same colony again visited. Only 6-7 adult females & several fledglings seen.

Aug 5 4500 ft., 2 mi. E Reno, Washoe Co., Nev. - 1 flock of 300 est., feeding in large cattle corral, especially from grain bins. Less than 20% were ad. ♂♂?

Cogswell
1950

Agelaius phoeniceus

June 17 } June 23 } SE. end Bear Valley, 4590 ft., Placer Co., Calif. - Several (3+ ♂♂) in & about small wet sedge area at head of large grassy valley. The rushes & sedges where they are probably nesting are only about 2½ ft. high.

June 22. E. side Boca Reservoir, 5550 ft., Nevada Co., Calif. - Several in low wet sedges & grasses of swale in sagebrush country adjacent to reservoir.

June 25 - Sierra Valley, 4900 ft., Sierra & Plumas Cos., Calif. - common in wet grassland areas in central part of valley.

June 27 Reno to S. of Steamboat Springs, 4500 - 4700 ft., Washoe Co., Nev. - Very common in grassy fields & about farmyards & near wet ditches, etc., along US Route 395. Males displaying in air overhead.

July 7 Bear Valley (see above) - only 1 ♀ noted on 1 hr. visit.

July 9 S. end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - abundant in & near tall tule marshes E. of Camp Richardson. Many fledglings were being fed by adults in tules.

July 12 - Reno to S. of Steamboat Springs (see above) - still numerous, but males not displaying now.

July 21 - n. side Bear Valley, 4580 ft., Nevada Co., Calif. - 2 ♀♀, 1 or more ♂♂, seen in clump of pines & black oaks in center of meadow.

July 26 - Reno to S. of Steamboat Springs (see above) - conspicuous by absence where common 2 weeks ago, altho Dr. Joel Gustafson reported seeing 2. → I saw a flock of about 10 ♀♀ here.

Aug. 23 } Aug. 5 4500 ft., 2 mi. ESE Reno, Washoe Co., Nev. - a large flock of mixed ♀♀ and imm. ♂♂ & a few adult ♂♂, estimated at 500 total, was feeding on farm grain fields & in cattle feeding areas with X. xanthocephalus

Cogswell
1950

Icterus bullockii

June 27 - Idlewild Park, 4500 ft., Reno, Washoe Co., Nev. - 1 heard singing & 1 calling in cottonwoods & Lombardy poplars near river.

July 12 - Call notes only were heard, on a similar 15 min. stop today.

Aug. 6 - 4750 ft., 1+ mi. S Genoa, Douglas Co., Nev. - at a series of 5 or 6 scattered Fremont cottonwoods along the road & irrigation ditch here there was an active family of 4+ well grown young being fed by pair of adults. They flew from tree to tree & finally out onto tops of sagebrush and other bushes a few hundred feet away. The young were quite noisy, but appeared to have full length tails. The ♂ did little of the feeding.

- Carson City, 4700 ft., Ormsby Co., Nev. - 1 ♀ in shade trees of the capitol plaza.

- E. of Washoe Lake, 5050± ft., Washoe Co., Nev. - 2 ♀♀ seen in open sagebrush country, but within few hundred yards of a ranchhouse with cottonwood trees.

Cogswell
1950

Euphagus cyanocephalus

June 17 - Lake Van Norden & vicinity, 6800 ft., Placer & Nevada Cos., Calif.
& ff. numerous (probably several dozen pairs) on large open meadow with open lodgepole pine forest adjacent.

June 17 - Bear Valley, 4580 ft., Placer & Nevada Cos., Calif. Several seen in broad grassy meadow surrounded by pine, incense cedar, white fir, and black oak forest.

June 20 Lake Van Norden (see above) - adults carrying food, apparently to young still in nests, but the actual nests not seen, because of my duties as group leader.

June 23 Bear Valley (see above) - 20± seen in 1½ hr. visit.

June 25 Sierra Valley, 4900 ft., Sierra Co., Calif. - common about farm buildings & on nearby wet grassland & sagebrush areas. Several NESTS were found on rafters of buildings of a ranch near center of valley, no trees being available except a few cottonwoods. Two nests I was able to reach both held eggs.

June 26 Lake Van Norden - see observers' copy of original field notes of 3 Audubon campers who observed behavior of colony of adults near young out of nest.

July 6 about 20 flew in to mob a ♂ Sparrow Hawk on the ground after it had a broken wing, apparently from hitting a telephone wire. They were gathered closely around the hawk, which was on its back, all calling vociferously, with one or two at a time flying up & making short passes & striking it. (I rescued the hawk).

July 7 Bear Valley (see above) - fledglings out.

July 9 S. end Lake Tahoe, 6230 ft., Eldorado Co. Calif. - numerous in open forest & adjacent meadow.

OBSERVATION OF BREWER'S BLACKBIRD

Re: Colony behavior when protecting young
Place: Northeast end of Lake Van Norden
Time: 8:22 A.M. to 9:30 A.M. (P.D.S.T.)
Date: June 26, 1950

8:22 Three observers approached willow thicket. Fledging flew uncertainly from ground to low branch of willow thicket 20 feet away.

8:25 F. in willow thicket 30 feet from baby, chirping.

8:26 M. on wire, chirping, 30 feet to right of fledgling.

8:27 Third adult flew from lodgepole pine 30 feet at left, to wire at right, both parents circling to lodgepole pine 50 feet from baby. Third adult flew from center of tree towards baby circling and giving warning cry.

8:29 Four adults now guarding, two on telephone wire to right third on pole 50 feet further right, one in lodgepole pine 30 feet to left.

8:30 Baby motionless.

8:31 One adult flew from telephone pole to tree.

8:32 M. on left, another M. flew to lodgepole pine to left, F. on wire to back and right, all chirping, still another F. on pole 100 feet to left and one pair on telephone pole to left, 50 feet away.

8:35 Baby moved head. Fewer warning chirps.

8:37 Adults quiet, only one pair on far left telephone pole chirping slightly.

8:38 Baby moved in bush. Baby has grey down on head, is greyish black, quills at tail

8:39 Two adults flew from pole to tree at left.

8:40 Baby flew to ground on other side of shrub willow, out of sight. Baby calling faintly.

8:42 Observer moved from log towards willow thicket and fledgling. M. in left lodgpole chirped. A pair of adults joined him in tree.

8:43 Twelve or more adults flew into lodgepole, to wire on left, chriped, circled about restlessly.

8:45 Fledgling wobbly on low willow branch. Protective coloration perfect against greyish branches, no leaves.

8:46 Another observer went back of thicket, saw fledgling on ground.

8:47 Baby flew to higher branch in willow. M. Circled overhead.

8:48 Fledgling moved, five adults flew overhead.

8:49 Baby uncertain, stayed in bush. Two adults on wire to left, many in lodgepole pine 50 feet to right of bird.

continued

8:50 One observer within three feet of baby bird. Fledgling motionless. Baby teeters on branch. No sound, then M. sang twice.

8:55 Third observer walks towards fledgling. All adults cry alarm.

8:56 Parents circled closer.

8:57 Fledgling still sitting on branch, not moving or calling. Less chirping from sidelines.

8:58 M. flew overhead, joined by F. and both flew to lodgepole pine 40 feet to left of baby.

9:00 Parents flew 10 feet closer to baby.

9:05 Adults quiet, baby still not moving.

9:12 Adults chirped. Fledgling chirped reply.

9:20 Baby still sitting, moved head occasionally.

9:25 Pair still guarding, as well as parents. Now only parents continue to chirp. M. circles from lodgepole.

9:30 Fledgling chirped. Parents answered. Still have not fed baby because of presence of observers. Three observers left.

Observers:

Opal Orr, Mrs. Carroll Morton, Louise Van Sickle

Cogswell
1950

Euphagus cyanocephalus

July 10 E. side Boca Reservoir, 5600 ft., Nevada Co., Calif. - many seen, several of them carrying food (to fledglings?).

July 12 }
July 26 }
Aug. 9 } Truckee Meadows (S. of Reno), 4500-4600 ft., Washoe Co., Nev. very common in farmland & wet grassland areas.

July 21 Bear Valley, 4980 ft., Nevada Co., Calif - flock of 20+ birds in grassland & on granite outcrops in same. Several young still being fed were included, altho able to fly well with the flock. 20± seen on Aug. 4 also.

Aug. 1 vicinity L. Van Norden, 6800 ft., Nevada & Placer Cos., Calif - Greatly increased numbers here now as compared to month ago. Single flock of 100± seen.

Aug. 6 Kingsbury Grade (Nev. Rt. 17), E. flank Carson Range, 5500 ft., Douglas Co., Nev. - 2 seen perching in pines scattered on low sagebrush-covered mountain slope.

- Carson Valley (E. of above) - common on or near grassland.

Aug. 7 E. side Boca Res. [see above] - several present; all young apparently now independent.

Aug. 9 Martis Valley, SE Truckee, Nevada Co., Calif - several seen along road thru sagebrush flat (above grassy swale).

Aug. 15 L. Van Norden [see above] - still numerous (flock of 30±). Immature males are now in post-juvenal molt, showing patches of shiny feathers & slightly whitish eye.

Aug. 16 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 5 (♀♀ and imm. ♂) foraging on gravelly ground in open near tall cottonwoods.

Aug. 17 Little Truckee R., 5800 ft. ~~Nevada~~ Sierra Co., Calif - flock of about 30 foraging among & near cattle on willow-dotted grassy valley between sagebrush slopes.

Cogswell
1950

Euphagus cyanocephalus

Aug. 18 S.E. end Bear Valley, 4600 ft., Placer Co., Calif. - 3 on grassy meadow (cf. July 21 & before).

Aug. 21 Prosser Cr., 5650 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - flock of 200± foraging on grazed grassy flat, meadowy near creek. When flushed, they flew & wheeled in close formation, which is characteristic of autumn activities of the species elsewhere.

Aug. 23 S. of Reno, & Little Washoe L., Washoe Co. Nev. - Small groups in grassy farm fields & on shores of the now greatly receded & algal-rimmed lake.

- Tahoe Meadows, 8500 ft., Carson Range, Washoe Co., Nev. flock of about 20 on green meadow (mostly low sedges) near a few horses pastured there.

Aug 25 - 26 } L. Van Norden & vicinity (see pp. 1 & 2) - no large flock noted, but several small ones.

Cogswell
1950

Molothrus ater

June 17 S.E. end Bear Valley, 4590 ft. Placer Co., Calif. - 1 ♂ flew over wet grassy meadow & forest border, "singing" (high, glassy whistle). There are a few cows pastured here.

June 20 E. end L. Van Norden, 6800 ft. Placer Co., Calif. - 1 pair seen (♂ singing occasionally), foraging in company of Brewer's Blackbirds on meadow & about willows.

June 23 Bear Valley (see above) - 3 seen in flight (1 sang).

July 4 E. end L. Van Norden (see above) - 1 pair engaged in a long continued aerial chase about & between the sparse pines & low willow thickets.

July 6 - high whistle (song) of ♂ heard in same area.

July 18 1 ♂ flew back & forth over this same area several times - but did not give the whistle this time. In the nearby willows a loud food call sounded much like a fledgling of this species; but when I attempted to trace it in last minute of time available, it ceased & a ♂ Wilsonia pusilla scolded me sharply.

Aug. 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 juvenal seen well as it foraged for itself on open ground & flew up to perch on telephone wires. Did not keep company with few blackbirds present. There is a fine patch of tall cottonwoods and much thicket growth along the stream here, with nesting Yellow Warblers, Warbling Vireos, etc. - as possible hosts.

Aug. 18 S.E. end Bear Valley, 4600 ft., Placer-Nev. Co. line, Calif. - 1 ♀ seen in alders & on wet sand (came to drink?) by Bear R.

Cogswell
1950

Piranga ludoviciana

June 17 & ff. near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - common in conifers, even over deep snowbanks, but few singing (on 17th).

June 19 ♀ seen carrying Nest material. Songs of males still infrequent. (snow still everywhere in forest). singers more numerous on 20th.

June 21 "Sugar Bowl", 7200 ft., 1.4 mi. S by W Donner Pass - about 5 seen in 2 hour walk thru forest & cleared ski slopes, including 2 singers, 1 of which males was seen feeding a female.

June 22 6950 ft., 3/4 mi. E Soda Springs, Nevada Co., Calif. Pair seen copulating, the ♂ interrupting his singing & flying to ♀ (perched near him) immediately after she quivered her wings & raised her head. They were in the upper branches of red firs at border of fir - lodgepole pine forest.

June 23 N. side Bear Valley, 4590 ft. Nevada Co. Calif - Several (< 5) seen & heard in dense incense cedars, yellow pines, & black oaks near large grassy meadow.

June 27 Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev. 1 pair seen in dense Jeffrey pines, white firs, & black cottonwoods near turbulent stream.

July 3 near Sugar Bowl Lodge [see above]. - A nest discovered, with ♀ apparently incubating. It is about 50 ft. up & a good 6 to 8 ft. out from trunk, saddled on a horizontal branch of a lodgepole pine just at the point where this branch bends abruptly upward thru about 30°. Staghorn lichen is used

Piranga ludoviciana

July 3 (cont.) - loosely as exterior covering of the sides of the nest, being conspicuous there because absent as natural growth on the nest tree — altho abundant on nearby red firs. Song of ♂ heard in forest nearby.

July 6 Notes of other observers re this nest follow:

Bird Watching - Western Tanager
July 6, 1950 Nest in pine 38' from road
near Sugar Bowl Lodge.

Female sitting on nest in Lodgepole pine about 50 feet from ground. Nest loose looking affair with outer covering of lichen. at fork in branch, 6 feet from trunk. Raised head several times in 1st ½ hour. Male sang from tall trees across road. Female turned around on nest.

10:55 Male sang again.
Female raised head.

11:03 Male sang farther north.
11:07 Female flew to ground across road. Not visible.
11:15 Call notes from tall trees across road.
11:17 Male and female fly back to nest.
Male leaves in 15 seconds
Female resumes sitting on nest.

observers: Agnes Gaffney; Mrs. John McGuire, Myrl Robertson.

Cogswell
1950

Piranga ludoviciana

3

July 6 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - A second nest was discovered by audubon campers Dixie Larkin & Mr. & Mrs. Hodgson, whose description places it about 50 ft. up in dense red fir within clump of same + silver pines. A pair of this sp. has been active in the immediate vicinity for 10 days or more. The 3 acre clump is surrounded by cleared ski slopes of 3+ sides, with wet willow thickets about 200 ft. beyond the lowermost corner, near which the nest tree is located.

July 7 - Bear Valley (see p. 1) - 3 heard singing on 1 hr. walk.

July 11 Soda Springs, 6770 ft., Nevada Co., to S.-facing slope on Am. River Canyon road, 3¾ mi. S thereof, 6300 ft., Placer Co. Calif. - About 10 found on 4 stops in forest (Canadian + Transition zones) & forest border between 4 and 5:45 a.m.; several were in song.

near Sugar Bowl Lodge [see above] - A pair at a 3rd nest, contents unknown, which is situated among needles & twigs near tip of a 6 ft. horizontal branch about 30 ft. up in a 40 ft. Pinus murrayana ~~[illegible]~~. The nest is on the forest side [NE] of a clump of trees fronting (in other direction) on cleared area by the 3 story lodge. The forest nearby is moderately dense, mostly second growth P. murrayana, P. monticola, & Abies magnifica with little or no understory except for younger trees & scattered Lonicera conjugialis. Snow is still present in areas where drifted.

Cogswell
1950

Piranga ludoviciana

July 12 - Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev. - 1 pr. in same area as on June 27 (q.v.).

July 17 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co. Calif. - Nest #1 (see July 3 and July 6) still holds an apparently incubating ♀. Nest #2 (see July 6, p.3) could not be found, altho pair was still active in nearby trees. Nest #3 (see July 11) now holds young being fed by ♀.

July 20 [See report by 2 Audubon campers on activities at Nest #3, attached below]. Another observer reported seeing one of the young fly from the nest to a neighboring tree late this afternoon.

Report of an Observation of the Activities Near and in a Western Tanager's Nest 7/20/50

Location of nest
Lodge Pole Pine near grounds firebox
25 to 30 feet from ground

Timed activities (P.D.S.T.)

10:15 A.M. - Male singing on neighboring tree
10:17 - Flying quickly from tree to tree
10:20 - Male sitting on wire near nest tree
10:22 - Male nervously flying to nest tree
10:24 - Male chirping + looking at observers
10:28 - Female near nest - looking into it
10:30 - Male singing on next tree
10:32 - Male left tree
10:33 - Back again - Male + female on same tree
10:38 - Male flew off + caught moth - back to neighboring tree
10:38½ - Male + female flew from tree + crossed their paths in flight. Female took moth from male in flight.
10:39 - Female feeding young. Male on wire - watching.
10:41 - Female flew to next tree with excrement in her mouth.
10:41½ - Chirping of young heard. Much commotion in nest.
10:44 - Male back to nest tree. Calling the female. Short excited movements.
10:46 - Male flew away - Returning almost immediately with food.
10:47 - Female returned. Took food from male. Fed young.
10:49½ - Male + Female off.
10:50 - Male returned. Fed young. Flew off.
10:51½ - Female returned. Sitting on next branch.
10:57 - Male singing on next tree.
11:00 - Babies visible. Mouths wide open. Female on edge of nest.
11:02 - Male gave female some food. Female fed young. Male flew off.
11:03 - Female cleaning the nest
11:04 - Female sitting on next branch. Babies fluttering on edge of nest.
11:05 - Male back to nest. Watching young. - All's silent
11:09 - Male off -
11:11 - Male returned with food. Gave it to female. Female fed young.
11:12 - Female flew off - returning at once - standing on edge of nest.
11:13 - Female chirping + hopping nervously from branch to branch.
11:14 - Much movement in nest. Female pushed young farther into nest.
11:15 - Male + female flew + crossed each other's path. Female returned + fed.
11:20 - Male returned + fed young again. Male flew off.
11:25 - Female returned + fed young.
11:27 - Babies sleeping - All's quiet. Female watching. - Male chirping on next tree.

7/22/50 - Tanager's nest was empty. Babies had flown away.

Dorothy Albrecht Ann Frenora

Piranga ludoviciana

July 21 - N. side Bear Valley, 4590 ft., Nevada Co., Calif. - about 5 found in Transition zone forest with black oaks., several in song. Songs still frequent also at Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co.

July 25 - The only tanager song heard in this same area on a dawn trip (4 to 6 a.m.) was one subdued one. 3 or more other individuals were heard calling or seen.

July 27 } Singing of ♂♂ has definitely dropped off in
" 28 } last few days, altho pairs are still seen together occasionally.

July 31 - 1 sang briefly from forest bordering wet meadow. Both sexes are encountered at many non-forest locations throughout the pass area where not found earlier.

Aug. 3 (2:30-4 p.m.) About 10 seen or heard calling on a 1+ mile walk thru pine & red fir forest N of Lodge [to W. end RR tunnel]

Aug. 4 N. side Bear Valley [see above] - 2 heard calling (no songs).

Aug. 6 - Haines Cr. Canyon, 5500 ft., Carson Range, Douglas Co., Nev. 1 pair seen, foraging together in open Jeffrey pines & white firs a few hundred yards up from canyon floor.

Aug. 12 near Sugar Bowl Lodge [see above] - common in all parts of conifer forest & some even into willows of middle of wet meadow or down onto stumps, etc. of the steep, cleared ski slopes. One male seen feeding a fledgling.

Aug. 15 Many juvenals all thru the forest near lodge. They give a definitely whistled "wheée-er" call, which is possibly still a food call. It is similar to, but less loud than one given by the young Pine Grosbeak.

Cogswell
1950

Piranga ludoviciana

6

Aug. 16 - near Sugar Bowl Lodge, 7000 ft; 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 ♂ seen, one of the few noted in last few days. ♀♀ & immatures are still abundant.

Aug. 18 (2:10-4 pm) About 10 (all ♀♀ or immature) recorded in 1/4 mi. of conifer forest (Pinus murrayana, P. monticola, abies magnifica, &c)

Aug. 23 Galena Cr. Camp, 6600 ft, Carson Range, Washoe Co., Nev. - 2 seen in same area as on June 27 (q.v.), these both ♀ or imm.

Aug. 24 to Aug. 26) - near Sugar Bowl Lodge [see above] - ♀♀ and/or immatures still common in conifer forest & into mountain alders along small streams. No ♂♂ seen since 16th except 1 with dull red head (= 1st year ♂ ?), on "Signal Hill", 3/4 mi. W Donner Pass on the 24th.

Cogswell
1950

Pheucticus melanocephalus -1

June 19 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - The typical loud "tick" call notes of this species, and a subdued, shortened song, were heard in small clump of pines & firs in middle of wet willow thicket-dotted meadow. This is extremely early for any up-mountain migrants at this locale, since there are still many snow patches in meadow, & snow is deep in nearby forest. Bird not seen, but I know of no other call so identical with this.

June 23 N. side Bear Valley, 4590 ft., Nevada Co., Calif. - 2 heard singing, & ♀ seen, in large black oaks and nearby yellow pine - incense cedar - white fir - black oak forest. A probable nesting area.

June 27 Galena Cr. Camp, 6600 ft., Carson Range, Washoe Co., Nev. - 1 ♀ seen in Ceanothus & willows of opening in Jeffrey pine - white fir - black cottonwood forest. I doubt that the species nests here, for several previous summer visits (in 1948) did not disclose it.

July 9 S end Lake Tahoe, 6230 ft., Eldorado Co., Calif. - 1 ♀ seen in lodgepole pines on sandy knoll between lake shore and extensive marshlands (E. of Camp Richardson).

July 10 in Sec. 32, R.17E, T18N, Truckee River, 5600 ft., Nevada Co., Calif. - 1 ♂ seen in short, dense willows along wide turbulent stream, by several persons with me, but not by me, including qualified bird students. The surrounding country is covered by open Jeffrey pine forest and sagebrush, with mountain mahogany on talus slope paralleling river and highway.

Cogswell
1950

Pheucticus melanocephalus

July 20 } near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass,
July 24 } Placer Co., Calif. - "Tick" calls heard in red fir-silver pine forest bordering herb & willow-covered slope. A normal date for up-mountain wanderer (cf. June 19)

July 21 N. side Bear Valley, 4590 ft., Nevada Co., Calif. - 3 heard calling (no songs now — cf. June 23) on 1 hr. visit.

July 27. 7150 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 1 ♂ seen in tall willows & bitter cherry between clumps of white fir, lodgepole & Jeffrey pines. No song heard.

Aug. 1 & ff. to Aug. 15. } Donner Pass - Summit Valley - Sugar Bowl areas, 6750-7100 ft., Nevada & Placer Cos., Calif. - Frequent records at various points in conifer forest & riparian thickets or tall cherry bushes. ♀♀ or imm. only were seen. None after Aug. 15!!

Aug. 4 N. side Bear Valley, 4590 ft., Nevada Co., Calif. - about 5 heard calling, & 1 ♀ seen, in ½ hr. spent along Transition zone forest bordering meadow. (same area as on June 23, July 21). None found along S.E. side of valley on a visit there on Aug. 19.

Cogswell
1950

Passerina amoena

June 17. S. side Chubb Lake, 5280 ft., Sec. 22, R12E, T17N, Nevada Co., Calif. 1 singing from mixed chaparral (Ceanothus cordulatus, C. velutinus, Arctostaphylos patula, Prunus emarginata) and young black oaks & conifers, the latter in small detached clumps.

July 4 } July 11 } July 13 } July 17 } near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 2 singing from tall thickets of willow in wet meadow, ~~and~~ from clumps of red firs nearby. These are new arrivals I am sure, for none were heard here on 3 or 4 visits during the last 2 weeks. Their singing is persistent & localized in area, so perhaps they are defending territory — altho doubtfully nesting ~~at~~ this altitude. The leaves have just nicely gotten out on the willows.

July 5 S. fork Squaw Cr., 7000 ft., Sec. 31, R16E, T16N, Placer Co., Calif. 1 heard singing from mixed chaparral, willows, & scattered conifers along Squaw Valley ski lift.

July 8 7100 ft., 3/4 mi. W Donner Pass, Placer Co., Calif. - 2 singing from mixed chaparral of huckleberry oak, willow, bitter cherry, tobacco-brush, & manzanita, with scattered young firs & pines; the firs being used as singing perches over the brush & herb-covered slope. On S. facing slope.

July 17 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 of the 2 singing birds which have been regular in willow thickets & adjacent pines & firs (see July 4), was singing today from tall trees of dense forest where there was practically no understory.

Cogswell
1950

Passerina amoena

2

July 19 } "Sugar Bowl," ca. 7300 ft 1 1/3 mi. S, 1/2 mi. W Donner Pass, Placer Co., Calif.
~~July 20~~ } 2 singing (at dawn) from tops of young firs at upper end of extensive willow thicket area in floor of the "bowl." Snow has only melted from this area in the last 2 weeks. The other 2 birds nearer Sugar Bowl Lodge (see July 4 ff.) are still there. All of these must represent up-mountain movements after breeding, or perhaps by non-breeding males. The persistence of singing seems to indicate certain maintenance of territory.

July 20 3 heard this a.m., 2 in same area as above and 1 in similar area on NE side of floor of bowl.

July 21 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Still 2 regularly singing males in willows

July 24-25 } & adjacent forest border. → 3 singing ♂♂ here now.

July 22 - Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 singing from mixed hard & soft chaparral under sparse conifers (including incense cedars), near same area where a pair was found in summer of 1948.

July 25 7100 ft., 3/4 mi. W Donner Pass, Placer & Nevada Cos., Calif. 3 ♂♂ singing (2 of them not in full ad. plumage) and 2 ♀♀ seen in same region as on July 8 (q.v. for descr.).

July 27 - 2 found here today, 1 imm. ♂ singing & 1 ♂ heard calling.

July 31 near Sugar Bowl Lodge [see above] - no songs now, but single birds giving characteristic "bzeet'l" call note were encountered at 2 places.

Aug 2, 3 - 7100 ft., 3/4 mi. W Donner Pass, Placer & Nev. Cos., Calif. - Songs have ceased here also; a few birds still present, giving call notes.

Passerina amoena

Aug. 4 N. side Bear Valley, 4390 ft., Nevada Co., Calif. - 1 heard calling from oaks (Q. kelloggii) at border of dense forest.

Aug. 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 im. ♂, 1 ♀ seen in & near willow thickets on gravelly stream valley floor, a few hundred feet from loc. of July 22.

Aug 14 - near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 calling from tall lodgepole pines on dry knoll near wet willow thickets. This is first one noted here for over a week, altho regular before then.

Aug. 15 - E. end L. Van Norden, 6760 ft., Placer Co., Calif. - 1 ad. ♂ in willow thickets along mouth of inlet creek.

Aug. 18 Yuba Gap, 5800 ft. S. end Sec 22, R 12E, T17N, Nevada Co., Calif. 1 ♀ flew across small pond surrounded by forest of yellow or Jeffrey pine, white fir, & incense cedar, landing on a wire near narrow strip of Ceanothus cordulatus & C. integerrimus bordering the pond.

Aug. 21 Prosser Cr., 5650 ft., 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. 2 ♀♀ seen in scattered willow thickets in heavily grazed creek-bottom, which is otherwise grown to coarse grassland, with sagebrush on slopes nearby.

Aug. 24 7100 ft. 3/4 mi. W Donner Pass, Placer Co., Calif. — 1 seen (sex?) & heard calling — in bitter cherry thickets on steep S-facing slope.

No records near Sugar Bowl Lodge later than Aug. 14; but "Sugar Bowl" itself (see July 19-20) was not covered. The territorial ♂♂ in wet meadow at 7000 ft. certainly disappeared by Aug. 1.

Hesperiphona vespertina

June 21 S. slope "Signal Hill", 7100 ft., 3/4 mi. W Donner Pass, Placer + Nevada Cos., Calif. - 1 flock of 3, and 1 pair seen in area of dense brush patches (soft and hard chaparral) with herb-covered openings and clumps of Jeffrey pine, white fir, + lodgepole pine. The pair were engaged briefly in an aerial chase. This is same area where the species was common in summer of 1948.

June 24 Soda Springs, 6750 ft., Nevada Co., Calif. - 1 pair seen hopping about on dust-covered boards + among weeds by roadside. The ♂ seemed to be keeping watch as the ♀ foraged; both flew after a few min. to young pines by a nearby barn.

- W. end Donner Lake, 5940 ft., Nevada Co., Calif. - 1 ♂ seen in dense, second-growth lodgepole pines on sandy "flat" near the lake shore.

July 4 near Norden R.R. Sta., 6800 ft., Placer Co., Calif. - 2 ♂♂ seen together in sparse lodgepole pine forest fronting on open meadow at inlet end of L. Van Norden.

July 5 S. slope "Signal Hill" [see above] - 5± seen

- Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 pair seen on the fine sandy ground under tall black cottonwood trees, where they seemed to be gathering green buds (of sprouting cottonwood shoots?). They flew off into open pine-fir forest on slope S of the river.

July 6 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 2 flew over, calling. The sp. is much less numerous here than 2 yrs ago.

Hesperiphona vespertina

July 8 S. slope "Signal Hill", [see June 21] - 2 seen

July 9 - Lake Valley, S. of Lake Tahoe, 6300^+ ft. } small groups seen in conifer forest areas.
- Martis Peak ridge, N. of Lake Tahoe, 7000 ft. }

July 11 Soda Springs, 6750 ft., 4 mi. S to S-facing slope of N. Fork Am. River Canyon, 6300 ft., Placer Co., Calif. - about 10 heard, several of them seen, on 4 stops in forest (Canadian + Transition zones) and forest bordering chaparral areas. The one nest we discovered in 1948 was at 6800 ft. alt. in this area; but the Jeffrey pine in which it was situated has since been taken for lumber, together with many of the red + white firs surrounding it.

July 13 near Sugar Bowl Lodge [see July 6] - 2 seen in red fir - lodgepole pine + white pine forest, bordering cleared ski slopes.
E. side Mary Lake, 7100 ft., 1/3 mi SSW Donner Pass, Placer Co., Calif.
3^+ in similar forest.

July 22 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif.
1 ♂ on ground under cottonwoods again [cf. July 5].

July 24 }
July 25) near Sugar Bowl Lodge [see above] - 4 + 2 noted on these dates, their occurrence becoming more frequent here.

July 25 S. slope "Signal Hill" [see above] - About 10 seen or heard on 1½ hr. visit. They are noticeably more common in certain areas — here in sparse forest + chaparral and in denser forest of Am. River C. + Martis Ridge — but I am at a loss to describe the habitat more precisely.

July 27 about 20 seen in 1 flock here today, including at least several definite juvenals (bits of down on head).

Cogswell
1950

Hesperiphona vespertina

July 29 thru at least Aug. 8 — near Sugar Bowl Lodge [see above] - increased numbers very evident in dense forest & meadow borders, flying in small flocks, with frequent diagnostic call notes uttered both in tree tops & in flight. The loud single whistle, ("wheeep") and a harsher rattled whistle are both used.

Aug. 4 Emigrant Gap, 5100 ft., Placer Co., Calif. - about 10 seen in tall trees & flying over chaparral-covered N. facing slope.

Aug. 18 - Flock of about 15 in this same area, flying between the several black oaks standing on the chaparral slope, and down into the brush (for berries?)

- S.E. side Bear Valley, ~~[illegible]~~ 4600 ft., Placer + Nevada Co., Calif. - about 20 seen (in 1 flock for a time) in few white alders along stream & flying over to conifer + oak forest a few hundred yards away (this at foot of slope below last loc.) 2 ♂♂ and 1 ♀ were seen on wet sandy slope at water's edge, drinking briefly with head raised between sips. The banks of the stream bed are about 8 ft. high at this point, with the alders growing here & there both on top & below the banks.

Aug. 24 E. & S.E. of Mary Lake, 7100 ft., 1/3 mi. SSW Donner Pass, Placer Co., Calif. - 3 flew over forest & chaparral areas. None have been encountered near Sugar Bowl Lodge for the past week or so.

None today on "Signal Hill" [see above] where so common in July.

Cogswell
1950

Carpodacus purpureus

June 17 5150 ft., 1/2 mi. S Lake Spaulding, Nevada Co., Calif. - 1 heard singing from patchy dense, conifer forest containing black oaks, with much chaparral nearby.

June 23 N. side Bear Valley, 4985 ft., Nevada Co., Calif. - 6 found on 1+ hr. visit to forest bordering wide grassy meadow. Several were singing (1 in dull plumage), mostly in or near the large black oaks at forest edge or scattered over closer parts of meadow.

June 29 7100 ft., just E Mary L., 1/3 mi. SSW Donner Pass, Placer Co., Calif. 1 ♂ (full color) singing from lodgepole pines over small willow thicket area. This is most likely an up-mountain migrant, altho quite early. Nearest known probable breeding area is at Cisco, 5650 ft., about 11 mi. W., or in Am. River Canyon a shorter distance (but over a high ridge) to the SSW.

June 30 Big Bend Camp Grd., 5850 ft., on S. Fork Yuba R., Placer Co., Calif. At least 3 (1 singing) in tall, dense forest of white fir, Jeffrey & lodgepole pines, with small glade of mountain alder, + other lesser shrubs nearby.

July 7 N. side Bear Valley. [see above] - 3 singing ♂♂.

July 11 (early a.m.) 6500 ft., 3 mi. S L. Van Norden, Placer Co., Calif. - 1 singing from forest bordering dense chaparral area with few young black oaks.

July 17 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - First ones (3+) noted in forest + wet meadow with willow thickets, where they were common, in 1948 mixed with *C. cassinii*. One singing today.

July 19, 20 - 4 & 2 singing, + several others seen, in same area.

Carpodacus purpureus

July 21 N. side Bear Valley, 4580 ft., Nevada Co., Calif. - 1 ♀ plumaged one seen, 2 others heard calling, in dense incense cedars bordering broad grassy meadow. No songs heard [cf. July 7].

July 22 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. about 5 seen on 1 hr. visit, all of them in an area of mountain alder thickets & nearby scattered conifers (white fir, Jeffrey pine, incense cedar). 1+ was singing.

July 25 near Sugar Bowl Lodge [see p. 1] - 1 heard singing, + ♀ seen.
S. slope "Signal Hill", 7100 ft., 3/4 mi. W Donner Pass, Placer & Nevada Cos. Calif. - about 6 seen, in or near dense thickets of bitter cherry, *Ceanothus* & manzanita.

July 31 near Sugar Bowl Lodge [see p. 1] - 2 flying over wet meadow.

Aug. 4 N. side Bear Valley [see above] - 3 flying over.

Aug. 5 Cisco Grove [see above] - about 10 seen on 1 hr. visit, in same area as on July 22. All seen at close range were in ♀ or juvenal plumage, some of the latter still begging food & being fed by the adults. Center of operations still seems to be the isolated thickets of alder (*Alnus tenuifolia*) & willow where bordering sparse conifer forest.

Aug. 12 – Aug. 18 near Sugar Bowl Lodge [see p. 1] - 1 or 2 seen daily, definitely less common than at this same season in 1948, & perhaps even less than July 19-20 this year. They are all up-mountain migrants at this alt. of course.

Aug. 22 6300 ft., 3 mi. S L. Van Norden, Placer Co. Calif. - 3 flying over an area similar to that of July 11.

Aug. 24 S. slope "Signal Hill" [see above] - 3 seen, including 1 bright ♂

Aug 25-26 near Sugar Bowl Lodge [see p. 1] - still a few seen, with *C. cassinii*

Cogswell
1950

Carpodacus cassinii

June 17 & ff near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Fairly common, in red fir - lodgepole & silver pine forests & borders of open meadows & ski slopes. Songs seem (June 17) fewer than total members of pairs. Foraging seems to be done chiefly on ground in open or in spots where snow has melted in the forest, as about the bases of trees, etc.

June 21 Songs definitely more numerous, 8 heard in ½ mi. between the lodge & bottom of Sugar Bowl at 7300 ft.

June 21 S. slope "Signal Hill", 7100+ ft., 3/4 mi. W Donner Pass, Placer & Nevada Cos., Calif. - about 5 singing ♂♂ in 1/4 mi. of scattered Jeffrey & lodgepole pines, white firs, & much brush (mixed soft & hard chaparral). Ground is all bare here, as opposed to much snow at Sugar Bowl.

June 24 W. end Donner L., 5940 ft., Nevada Co., Calif. - 2 heard singing in lodgepole & Jeffrey pine forest near aspen-willow bordered stream.

June 27 8800 ft., 2/3 mi. SSE Mt. Rose, Carson Range, Washoe Co., Nev. 1 singing from whitebark pine - mountain hemlock - lodgepole pine - silver pine forest - still much snow around.

late June early July near Sugar Bowl Lodge [see above] - Very conspicuous now, ♂♂ singing & always flying with ♀♀. Same throut the Summit Valley & Ice Lakes areas just W of here. 1 pair near L. Van Norden on July 4 behaved as though they had young in a nest high up in lodgepole pine, but I could not see any nest. They made frequent trips to & from the same tree.

Cogswell
1950

Carpodacus cassinii

July 7 N. side Bear Valley, 4980 ft., Nevada Co., Calif. - 1 heard singing (+ glimpsed = ad. ♂) from few conifers about a rock outcrop in open grassy meadow. 1 ♀-plumaged individual also seen at close range. All 3 species of Carpodacus found here today!!, this being the lowest altitude W of Sierran crest I have ever found this sp. in summer.

July 9 Lake Valley, 6230-6500 ft., S Lake Tahoe, Eldorado Co., Calif. Common in open conifer forest, both where understory is manzanita, etc., and in drier sagebrush areas.

July 11 Soda Springs, 6750 ft., Nevada Co., S 4 mi to 5600 ft., on S-facing slope Am. River Canyon, Placer Co., Calif. - about 10 heard or seen on 1 hr. visit at dawn, including 3 stops in Canadian or Canadian-Transition ecotone. Strangely none were in song!

mid-July near Sugar Bowl Lodge + other areas just W Donner Pass [see p. 1] - Singing seems to have decreased in frequency, tho species is still found only in pairs or small groups.

July 23 High Meadow, 7800 ft., to upper edge red fir belt W. Star Lake, 9000 ft., Carson Range, Eldorado Co., Calif. - About 10 encountered in 2+ miles of trail thru sparse forest with frequent patches of low chaparral + (along streams) aspen and/or willows.

- from W Star Lake, 9000 ft (Lake at 9210 ft.) to timberline on Freel Peak, 10,400 ft., Carson Range, Eldorado Co., Calif. - about 20 in 2 miles of trail thru Hudsonian Zone forest (lodgepole pine; whitebark pine - mtn. hemlock types);

Cogswell
1950

Carpodacus cassinii

3

July 23 (cont'd)

and a flock of 5 in the "krummholz" of whitebark pine on gentle slope of old cirque just N of Freel Peak - Job's Sister saddle (at about 10,450 ft.).

July 25) July 27) S slope "Signal Hill" [see p. 1] - about 10 found on 1½ hr. visit, covering ½ mi. of trail. Several still singing on 25th.

July 26 8750 ft., 2⅓ mi. SSE Mt. Rose [see June 27] - 3 found in ½ hr. visit.

late July - near Sugar Bowl Lodge [see p. 1] - No songs heard. Individuals & groups up to 5 still fairly common.

Aug. 2 First definite fledglings seen (begging food). Same also at "Signal Hill" this a.m.

Aug. 9 8800 ft., 2⅓ mi. SSE Mt. Rose [see June 27] - 4+ in ♀ plumage, and at least 1 juvenal still with down on head & begging food with "wheelu" call note. Near small patch of willows among sparse whitebark pine, mountain hemlock, & lodgepole pine forest.

Aug. 10-11 & ff various locations just W & SSW Donner Pass, 6700 - 7000 ft. Extremely common in open pine forest, flocks of up to 20-25 flush from roadside as we drive by L. Van Norden, altho mixed with larger nos. of Chipping Sparrows. No songs heard now. 1 juvenal was banded (# 48-110631) after it got into an open top, unbaited trap set by Denis Cogswell near alder thickets by the lodge on Aug. 11. This bird was shipped alive to G W Salt at the MVZ on Aug. 12. It is the first Cassin's finch I have gotten in a trap; they certainly will not go into a govt sparrow trap even when it is placed in middle of their feeding area.

Loose flock of 40± feeding on cleared ski slope near scattered trees by lodge on Aug. 17. Nearly all are in dull plumage.

Cogswell
1950

Carpodacus cassinii

late august - various locations W, SW & SSW Donner Pass, 7150-6750 ft., Nevada & Placer Cos., Calif - Became very common along L. Van Norden, near Ice Lakes, & on open slope (cleared) by Sugar Bowl Lodge. Over 100 were seen in 1 hr. at Ice Lakes on 24th, and large numbers fly up from road along L. Van Norden. A few adult ♂♂ were found, but the vast majority are in the dull plumage. several examples of An intermediate plumaged ♂, with the breast and rump a decided, but pale orange and the top of the head dull red, was seen on Signal Hill & near Sugar Bowl Lodge. Whether this is a 1st year ♂ molting into ad. plumage is doubtful, since the orange cast seems to be all over the breast & not due to mixture of red & other colors.

No songs heard at all now.

According to Geo. Salt, who visited us on Aug. 22-23, these high altitude concentrations disappear sometime in Sep., and numbers begin to show up in the arid Jeffrey pine forest on the E slope of the Sierra (as near Boca). The shift in numbers, he says, apparently occurs abruptly; but exact dates are lacking.

Aug. 23 8800 ft., 2 1/3 mi. SSE Mt. Rose [see June 27] - about 5 (all dull plumaged) in small quiet group feeding on lower branches of pines & hemlocks & on adjacent ground sparsely dotted with herbs. One allowed approach by me to within 8 feet.

Cogswell
1950

Carpodacus mexicanus

June 23 N. side / S.E. side } Bear Valley, 4580 ~~46~~00 ft., Nevada & Placer Cos., Calif. 2 heard singing (1 of them seen in ♀ plumage) and 1 other heard calling — in black oaks & alders around edges of broad grassy meadow.

June 25 - Sierra Valley, 4900 ft., Sierra Co., Calif. - several seen & heard singing about farm buildings in SW & central parts of valley.

June 27 Reno, 4500 ft., Washoe Co., Nevada - several seen in outskirts.

July 7 N. side Bear Valley, 4580 ft. Nevada Co., Calif. - 1 ♂ seen (singing) & 1 ♀ plumaged bird also seen nearby. - In black oaks.

July 21 2 flew over grassy meadow with few oaks, giving characteristic flight notes.

July 26 along US Route 395 S Reno, 4550 ft. Washoe Co., Nev. - 4 seen on fence & telephone wires in farmland with numerous windbreak & dooryard trees (cottonwoods, etc.).

Aug. 4 - N. side Bear Valley [see above] - 1+ ♀ seen, others heard calling.

Aug. 5 - E. & S. of Reno, 4500± ft., Washoe Co., Nev. - about 20 seen in suburbs & farmland in grass & crop areas while we drove about 10 miles of road thru same.

Aug. 6 - W. side Carson Valley, 4700 ft. near Genoa, Douglas Co., Nev. - Several seen along roadside, both in sagebrush & grassland areas.

- Carson City, Ormsby Co., Nev. - fairly common in center of town — in & near state capitol grounds. ads. seen feeding fledglings about these well-shaded grounds.

Aug. 18 S.E. side Bear Valley [see above] - 2 ♀♀ seen in black oaks & in white alders along stream in broad grassy valley.

[We obtained no records at higher altitudes than the above altho many intermediate points were visited.]

Cogswell
1950

Pinicola enucleator

1

June 19 - near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co. Calif. - Characteristic "twiddl-a-wit" calls of this species heard in red fir - lodgepole & silver pine forest.

June 29 7100 ft. ½ mi. S Donner Pass, Placer Co. Calif. - While leading group of Audubon campers along the Sierra Crest ski trail SE of Mary L. ~~[illegible]~~, where the dense forest of Summit Valley begins to break up into patches alternating with chaparral & rocks of N. end of Mt. Judah, a pair of Pine Grosbeaks were found & followed to a NEST. Subsequent observations at the nest over 1 hr. 40 min. (total time) are attached below, being copied from my original notes (was without official notebook at the time) by an Audubon camper & back checked by me.

Observation of
PINE GROSBEAK

June 29, 1950.

Observations by Group A

0850 Pair flew south from direction of Mary ~~[illegible]~~ Lake. Alighted in group of two red firs and four lodge poles all about 50 - 55 ft. high.

Female went on to rim of nest situated 22 ft. up and ~~four~~ (3½ by subsequent measure) feet out from trunk. on south east side of a red fir. Nest in lowermost two ft. wide spray of fir needles at edge of 30 ft. diameter opening of forest.

0904 Female raised up head preened left side of breast.

0904½ Settled down again.

0907 Preened again, turned and resettled.

0910 Turned again facing north.

0911 Female stood up when one of group whistled - then resettled.

0913 Preened breast feathers.

0915 Douglas squirrel called a few trees away.

0918 Female stood up , yawned and resettled.

0919½ Male commenced singing a few trees away. Female turned head this way and that.

0920 Female stood up, turned eggs. Male still singing every 5-6 seconds.

0924½ F. stood up again, head far down ventrally, feathers fluffed. (preening?)

0925 F. preened under right wing, then resettled. M. singing somewhat more softly.

0926 M. flew to bare twig in sun just outside needle spray ~~[illegible]~~ containing Nest. ½ min later M. hopped to north rim of nest and fed F. by series of 5 - 10 bill contacts. F. stayed on nest, turning head to left to receive food.

0927 M. hopped to bare branch within canopy of tree, then flew off to west. F. facing south now, again opens & closes bill.

0929 F. opens & closes bill.

0930 F. stood up, bent head down, opens & closes bill. Settles down facing west.

Break in observation until 1105.

OBSERVATION (continued.)

June 29, 1950

ions by Group B

1105 F. on nest facing northwest. Sun still hits nest.

1113 F. turned head higher - facing north.

1116 F. turned again still facing north.

1122 F. stirred, fluttered & resettled with bill open.

1126 F. stirred throat, bill still open, facing north.

1131 F. raised, turned to southeast, resettled, bill open.

1132 F. stirred, faces east, wings out.

1134 to 1135 much stirring, settled facing north, bill closed.

1137 Opens & closes bill.

1138 Fidgets, faces north-northwest.

1139 M. sings from upslope to south - perhaps 200ft. away. Repeated song ~~sentences~~ several times only.

1144 F. stirred, humped body up, "licked chops."

1145 F. stirred, raised up on south rim of nest, turned eggs, & resettled.

1148 M. sings again from east-southeast, repeated about 5 times.

1153 F. stirred twice.

1154 F. left nest, dropped to ground 25 feet from nest tree, drank from small stream, went on up slope to trees, preened briefly.

1156 F. flew on to south, then east.

1200 observers getting hungry.

1201 F. returned to nest, sat opening and closing bill, facing southeast.

1205 Observation ended.

Pinicola enucleator

June 30 } 1/2 mi. S Donner Pass - This nest & both adults
July 1 } photographed (16 mm. color movie) by Dr. Lloyd G. Ingles, and (in stills) by audubon campers. It was reported to contain eggs, as judged by actions of ♀, on July 1 yet.

July 3 near Sugar Bowl Lodge, 7000 ft., [see p. 1] - 1 ♂ seen at range of 10 ft., as he perched a few feet from wet ground in the willow thickets of "Cowgill meadow". He had apparently been feeding on something (or drinking?) very close to the ground, & soon flew far away into conifers N of the meadow.

July 4 1/2 mi. S Donner Pass - The NEST described on June 29 now holds 3 young, which I climbed a nearby tree to see. Both adults came to the nest late in p.m., but ♀ settled on the young without feeding them. Hatched between July 1 & 4, probably close to former because of size.

July 7 Both adults seen feeding the young twice in the Nest, once ~~with~~ both of them perched on nest rim at the same time, altho the ♂ finished & left before the ♀. (late p.m. again — just before sunset)

July 13 Both adults seen feeding nestlings - between 11:00 & 12:00 a.m. (PDST) they came twice, one time both together. Geo. Treichel has notes on feeding activities of this pair at the nest on about this date. Young gone from Nest on July 17.

July 17 Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass, Placer Co., Calif. 2 flew over forest & meadow together, calling in flight.

July 20 Sugar Bowl Lodge to bottom of "Sugar Bowl", 1/2 mi. SSE of it, 7300 ft. 2 heard singing on early a.m. visit; 1 ♀ seen feeding short-tailed fledgling in p.m.

Cogswell
1950

Pinicola enucleator

July 24, 25, 31 – near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. – 3 (2 or 1) seen in denser red fir & silver & lodgepole pine forest areas, or flying over the open slopes between patches of forest. One ♀ (on 24th) was seen nibbling at, or among, young needles of short red firs. 1 ad. ♂ seen on 31st, no song heard on these dates, however.

Aug. 2 Following up a whistled call-note unknown to me, I found it to be given by an all gray-plumaged Pine Grosbeak with full-length tail (= grown young?). It was perched in upper branches of a clump of a few red firs & pines on partly cleared N slope of Disney Mtn., giving the "whreeee" call every few seconds. Soon after this bird was located, an adult ♂ flew into an adjacent tree, calling its normal "tu-widl-tu-wit", and the young(?) bird flew to it immediately and was fed. Then both flew off up the steep mountainslope to larger forest area beyond an alder-filled draw.

Other individuals seen & heard in vicinity of lodge.

Aug. 7 (p.m.) 1 pair seen at close range as they foraged on lower branches of young firs & pines in dense forest, and (for few moments) on the ground as well. Their only call notes were soft whisperings.

Aug. 11 – 7150 ft., 1/3 mi. S Donner Pass, Placer Co., Calif. – 1 seen in tree tops of mountain slope above Nest site (see June 29). It was giving the same note as young one of Aug. 2.

Pinicola enucleator

Aug. 11 (cont'd)
one of the characteristic "tu-weedl-a-wit" calls was heard from another direction, and also some near the lodge (& on aug. 12 also).

Aug. 14 near Sugar Bowl Lodge [see p. 3]. — flock of 4, apparently 1 ad. ♀ with 3 immatures, the latter perching for a long time on wires & ropes of 1 of the ski tows while the adult foraged near the ground in willow thickets below them.

Aug 15 about 5 seen or heard.

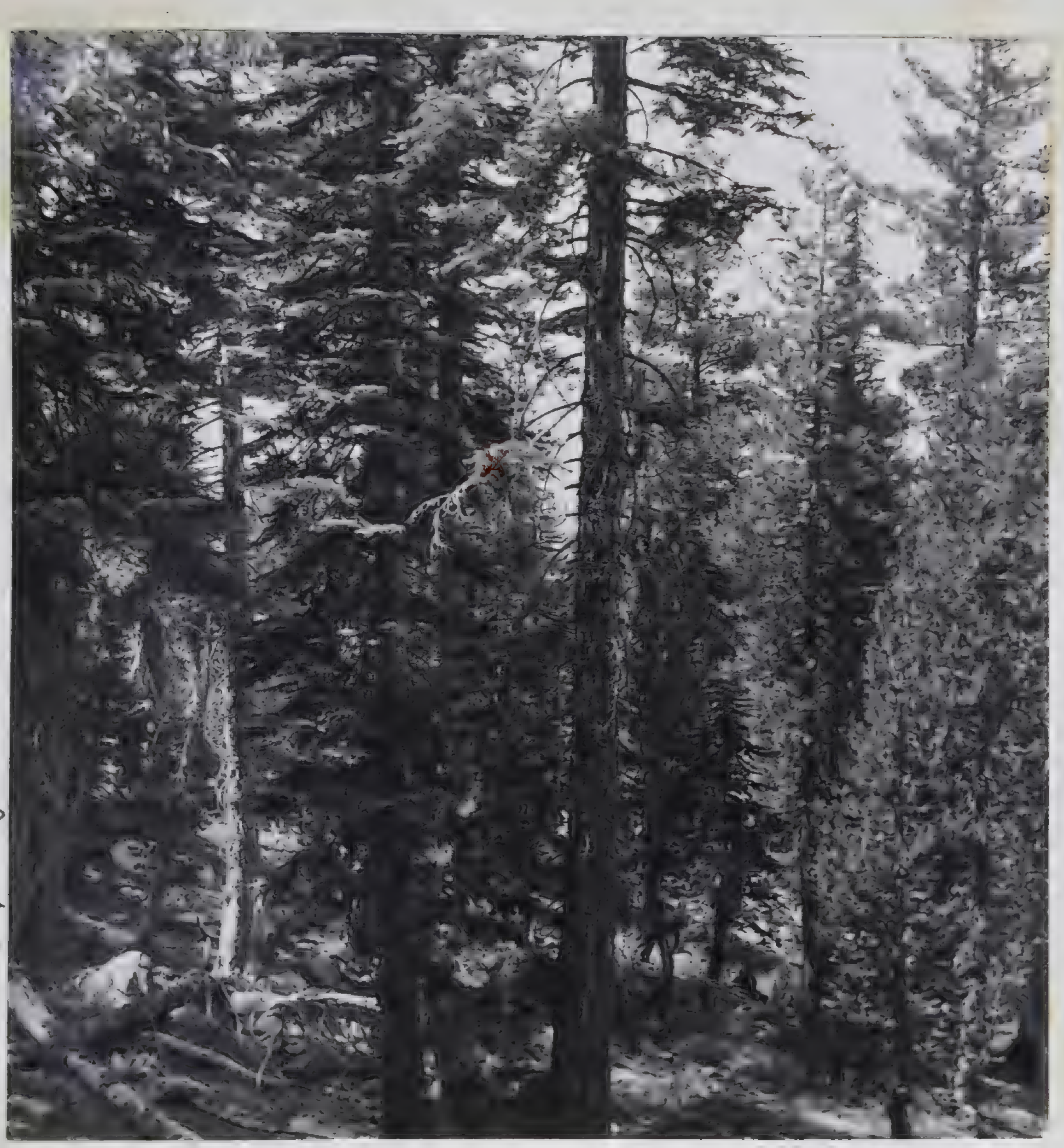
Aug. 16 2 seen in forest border trees.
[none noted for next several days in this area].

Aug 24 7100 ft. 1/3 mi. S Donner Pass (near Mary L.), Placer Co. Calif
Group of 3 seen in patchy forest near shrub-covered slope. All were in dull plumage, with none obviously still dependent on others.

NOTE: The nest described & watched this year is about 1/3 mi. from one located in summer of 1948, concerning which I have notes in my personal notebook for that year.

Aug. 26. On the 3rd attempt I finally made it up the tree with climbing irons (from the top of a ladder) and sawed off the branch containing the nest (which became my cat. # 150)

See also 2 ff. photographs, 1 of general nest locale, & close-up of nest branch after removal.



My negative no. 50-7-9

General Nest Locale — The nest tree in center foreground, a red fir, is separated from cleared ski trail by only a few trees. Surrounding trees in photo are lodgepole and mtn. white pines and red fir. The nest is at small red X on first L. branch of tree.

My negative no. 50-7-10

The Nest Branch removed.

My son Denis is holding up the upper spray to show the nest (at arrow) on the lower one.

Both photos taken Aug. 26, 1950.

Cogswell
1950

Leucosticte tephrocotis

July 23 (early p.m.) 10,500 ft. Job's Sister, Carson Range, Eldorado Co., Calif. - As I came up from across the gently sloping fell-field on the W side of the summit to peer over the brink of the high, rock cliffs of the N face of the peak, two Rosy Finches came flying in from around a jutting rock wall, giving a flight call which is finch-like, yet not closely similar to any other species I have heard. It is slightly harsh, nasal "chée (nt)", given rapidly 2 - 4 times in a group — each whole utterance coming usually in coincidence with the prominent plunges in the course of the bird's flight.

After several turns in the air near the cliffs, which are about 500 ft. high, the calls stopped — the birds apparently having alighted. In a few minutes I located the male hopping along a rock ledge about 1 ft. wide some 100+ ft. below me. Then the ♀ flew out from behind rocks to the right of him; he followed, and both of them alighted on the top pinnacle of the cliff not over 30 ft. in front of me. I was so busy looking

Leucosticte tephrocotis

July 23 (cont.) at them & taking in plumage details, that I did not think to try a photograph with the camera around my neck. The ♀ (or imm.) was very dingy, with little or no evidence of a gray collar. The ♂ was only slightly duller than [illegible] the usual illustrations of this sp. They seemed to behave like a pair, although whether they breed here or not is still open to question.

The cliffs on the N (& presumably on E side also) side of Job's Sister fit the picture of Leuco nesting sites as given by Dawson very well — altho with less snowfields nearby. There is still a large (3-4 acre) snowbank hanging over the ridge just NW of the cliffs, and several smaller ones at the base of cliffs. The fell-fields of the gentler slopes, however, are mostly bare, except for a long, narrow snow bank in edge of cirque between Job's Sister & Freel Peak. The latter (10,900 ft.) is higher than Job's Sister, but has cliffs only on the S-side, & these are now entirely snow-free.

(This locality is approx. 13 mi. E of Pyramid Peak, the northernmost known breeding area of L. t. dawsoni)

Cogswell
1950

Spinus pinus

June 17 & ff. near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Frequent, in 2's to 5's, in forest & forest border habitats throughout the red fir - lodgepole & silver pine belt of Pass area.

June 24 - No full songs were heard during these first few days, however.

June 24 W. end Donner Lake, 5930 ft., Nevada Co., Calif. - Group of 6 watched for some time as they fed on green dandelion (Taraxacum?) seeds on sandy flat under edge of lodgepole pine forest by the inlet to the lake. They pecked in among the involucral bracts, scattering a few seeds with unopened pappus as they did so; & selecting one seed after another, they nibbled it while holding it up in the bill until the pappus dropped off, whereupon the seed was swallowed.

Several of the group showed no yellow in the wing & tail & were slightly buffy in general background color (= juvenals?).

July 3 near Sugar Bowl Lodge [see above] - Still encountered in 2's & 3's. A few are now singing from tops of firs fronting on open slopes by the lodge.

July 7 Emigrant Gap, 5200 ft., Placer Co., Calif. - 2 flew over chaparral, black oaks, & scattered conifers on N-facing slope.

July 9 Lake Valley, 6230 to 6500 ft., S. end Lake Tahoe, Eldorado Co., Calif. - Several seen in open pine - fir forested areas.

mid-July - various locales W, SW, & SSW Donner Pass. - More regularly encountered than 2 wks. ago. Flock of 10± on July 18.

Cogswell
1950

Spinus pinus

July 20. near Sugar Bowl Lodge, 7000 ft; 1.2 mi SSW Donner Pass, Placer Co., Calif. - 20 est., 15± of them in a loose flock in dense forest near Solitaire nest. Some of these were foraging out the outer tips of the lateral branches of the red firs, nibbling at the young, light green needles (some of which fell to ground) and apparently eating them.

July 21 N. side Bear Valley, 4385 ft; Nevada Co., Calif - 5± in white fir, yellow pine, incense cedar forest near meadow.

July 22 Cisco Grove, 5650 ft; on S Fork Yuba R., Placer Co., Calif. Several in & flying over tall black cottonwoods along slow part of stream — with conifers on either side.

July 23 Freel Peak trail, 7800 to 10,900 ft, from High meadow, Carson Range, Eldorado Co., Calif - about 20 found in 2 miles of trail thru red fir - lodgepole pine - silver pine forest with mtn. alders & aspens along streams; 12 counted in 2 miles of subalpine forest of whitebark pine & mountain hemlock; 2 flew over barren slopes above timberline near peak.

late July } early Aug.) near Sugar Bowl Lodge [see above] - recorded almost daily in small numbers but no songs heard. most regular one seen by detached fir clump near alders & stream. Found regularly also on S. slope of "Signal Hill" just W Donner Pass. Maximum of 3 seen per 2 hr. field trip.

mid Aug. - Even less numerous; only 1 or 2 birds at any one spot.

Aug. 24 S slope "Signal Hill", 7100 ft, 3/4 mi. W Donner Pass, Placer Co., Calif. Group of 3 feeding on weed stalks (seeds?) under clump of white firs.

Aug. 25 1/3 to 1/2 mi. S Donner Pass, 7100 ft; Placer Co., Calif. - 3 seen.

Aug. 26 near Sugar Bowl Lodge [see above] - several seen.

Cogswell
1950

Spinus psaltria

1

June 17 S.E. side Bear Valley, 4600 ft., Placer Co., Calif. - 1 ♂ singing from wires & shrubs near a few large black oaks & maples by rock outcrop at edge of grassy meadow.

June 23 N. side Bear Valley, 4585 ft., Nevada Co., Calif. - 2 ♀♀ in black oaks & few locusts by edge of conifer forest.

July 7 Emigrant Gap, 5200 ft., just S of above locales - 1 flew over manzanita & Ceanothus covered slope, dotted with scattered small black oaks & young pines & cedars.

July 20 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - Definite plaintive calls of this species heard at edge of clump of tall, dense, red firs by cleared ski slopes; but the bird flew away, calling as it went, before I maneuvered to see it. This is the highest altitude at which I have ever found the species in the Donner Pass region; it must be an up-mountain wanderer.

July 21 N. side Bear Valley [see above] - 1 pair in same oaks as on June 23.

July 22 Cisco Grove, 5650 ft. on S. Fork Yuba R., Placer Co., Calif. 1 pair seen on wires over low herb. covered ground, and in nearby willow thickets bordering riparian woodland and open conifer forest.

July 23 - King's Beach, 6250 ft., N. end L. Tahoe, Placer Co., Calif. - 1 ♂ flew up from weedy roadside by golf course.

July 26 near Verdi, 4800 ft., Washoe Co., Nev. - 2 perching on & flying from chicory plants along highway.

Aug. 1 near Norden R.R. Sta., 6800 ft., Placer Co., Calif. - 1 flew in to wires near which Siskins were feeding & calling (from willows & on ground).

Spinus psaltria

Aug. 4 Bear Valley, 4580-4600 ft., Nevada & Placer Cos., Calif. - 1 flew over N. side of valley, calling. 1 imm. ♂ (bright breast & back, but no black cap) seen on thistles by rock outcrop where this sp. seen on June 17.

Aug. 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 2 seen in same area as on July 22.

Aug. 9 6200 ft., E. base Carson Range, 3 mi. WNW Washoe, Washoe Co., Nev. 1 seen in low, spaced shrubs (sagebrush + chaparral types) in open Jeffrey pine forest.

Aug. 18 S.E. end Bear Valley, 4600 ft. Placer Co., Calif. - 1 imm. ♂ seen, & another individual flying over, in same area of oak dotted conifer forest bordering grassy meadow.

Aug. 24 S. slope "Signal Hill", 7100 ft. 3/4 mi. W Donner Pass, Placer Co., Calif. — plaintive calls of this species heard in thistle filled clearing of open pine-fir forest just above highway US-40.

This record, as well as those of July 20, 23, Aug 1, & perhaps also those at Cisco Grove, represent up-mountain movement from breeding areas, the highest altitude of any of our probable breeding birds being those at Bear Valley (4600 ft.) on the W., and Verdi (4800 ft.) on the E.

Cogswell
1950

Loxia curvirostra

June 19 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - a flock of about 30 came southward over tree tops of snow-carpeted forest, a few of them stopping for a few seconds in tops of detached clumps of firs in "Cowgill meadow," then hurrying on over Disney Mtn. to the south.

June 22 2 flew into tree tops (red firs) by the parking area at the lodge, then on again after 5± min.

June 23 Emigrant Gap, 5200 ft., Placer Co., Calif. - flock of 8 flew N.E.'ward along chaparral-covered N.-facing slope & on over forested area (Transition zone) beyond.

June 29 - 7100 ft., 1/2 mi. S Donner Pass, Placer Co., Calif. - 3 flew into tops of tall pines near Sierra Crest ski trail (swath cleared of trees), called a few times, & then went on Eastward toward Donner Peak.

July 19 Sugar Bowl Lodge [see above] - 1 flew over, calling, headed S.E. toward Emigrant meadow.

July 23 10,000 ft. W. slope Job's Sister, Carson Range, Eldorado Co., Calif. A flock of 18 flew low over the stunted ~~trees~~ white-bark pines just below timberline and alighted in an area of 15-20 ft. gnarled trees which were oozing sticky, glistening pitch from many damaged branches. I was able to get up to 6 or 7 ft. from several of the birds, one of which was pecking crudely with opened bill at the pitch, then opening & closing its bill rapidly, then repeating the process. The impression was that it was *eating* the pitch. This & several others were very dull-

Loxia curvirostra

July 23 (cont.)
-plumaged, apparently juvenal birds. No red ♂♂ were seen in the several, of which I had close views. Finally the whole group flew on across the very low "krummholz" of whitebark pine in the cirque between Job's Sister & Freel Peak. When in flight, they kept up a constant, loud "kip, kip --- kip --- kip, kip" series of notes.

Aug. 14 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 flew over eastward, calling enroute.

No late August records [we had flocks again near Sugar Bowl in late Aug. 1948].

Cogswell
1950

Chlorura chlorura

June 21 S. slope "Signal Hill", 7100-7200 ft. 3/4 mi. W Donner Pass, Placer Co., Calif. - about 3 seen or heard in hard chaparral of pine-mat + green leaf manzanita + huckleberry oak sparsely dotted with various sized conifers. 2 also noted in taller, denser "soft" chaparral containing much bitter cherry, mountain maple, etc. Only 1 singing during our 1½ hr., ½ mi. walk.

(late a.m. June 21 June 22) - N. slope "Disney Mtn.", 1.4 mi. SSW Donner Pass, Placer Co., Calif. 2 singing from small patches of short shrubs on steep mountainside cleared of trees for ski slope.

June 22 E. of Boca Reservoir, 5600 ft., Nevada Co., Calif. - common in sagebrush - antelope brush of flats + shallow gullies, many singing in late p.m.

June 24 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 singing from tall thicket of willows in edge of wet meadow (no dry shrubs nearby). a rather unusual habitat for this sp.

June 25 Sattley, 4980 ft., Sierra Valley, Sierra Co., Calif. - 2 singing from fence posts + short Jeffrey pines on sagebrush-covered slope near broad, wet valley.

June 28 Boca Reservoir [see above] - about 5, seen or heard, several singing, and one fledgling seen — ~~in~~ same sagebrush flat as visited on 22nd.

June 29 7100 ft., ½ mi. S Donner Pass, Placer Co., Calif. - 1 seen (singing) in mixed chaparral area (huckleberry oak, manzanita, Ceanothus cordulatus, + bitter cherry) on rocky W.-facing slope with nearby patches of dense forest.

July 8 S. slope "Signal Hill" [see above] - 2 singing birds seen.

Chlorura chlorura

July 9 - Lake Valley, 6300-6500 ft., S. of Lake Tahoe - about 5 seen in open Jeffrey pine forest with sagebrush and/or scattered manzanita - Ceanothus understory. These being seen as we drove, the species seems commoner here than near Donner Pass.

July 10 E. side Boca Res., 5600 ft., Nevada Co., Calif. - 3+ singing birds found in 1½ hr. visit to open sagebrush flat.

July 11 (dawn) - 6800-6300 ft., 2½-3½ mi. S Lake Van Norden, Placer Co., Calif. 5± heard singing on 3 stops in montane chaparral + chaparral - forest edge areas along Am. River Co. road.

July 19, 20, 25 } July 13 } "Disney Mtn" [see p. 1] - 1 singing in same area as on June 21.

" " (p.m.) - Donner Pass to ¾ mi. N of it, 7200 ft., Nevada Co., Calif. 3 heard singing, +1 seen, in this seemingly optimum habitat for them (dry, scattered shrub patches + sparse forest areas).

July 21 Emigrant Gap, 5100 ft., Placer Co., Calif. - 1 singing on steep N.-facing, chaparral-covered slope.

July 22 Cisco Grove, 5700 ft., on S. Fork Yuba R., Placer Co., Calif. 2 heard singing in mixed chaparral (some cherry included) among sparse pines, firs, + cedars on rocky slope.

July 24 Flat E Boca Reservoir, 5600 ft., Nevada Co., Calif. - 1 short-tailed fledgling found hiding among bases of sagebrush + grasses. No adults located today, + no songs [cf. similarly timed visits on July 10 + before].

July 27 S. slope "Signal Hill" [see p. 1] - 4 adults (1 singing) and 2 fledglings seen, the latter being fed by 1 adult under the shaded base of ~~[illegible]~~ white firs adjacent to hard chaparral-covered slope.

Chlorura chlorura

July 30 - 6600 ft. ½ mi. E Donner Pass, Placer-Nevada Co. line, Calif. 2 adults scolding me from dense shrubs (huckleberry oak, willow, bitter cherry, Ceanothus velutinus, etc.) & short pines on rocky slope just above Donner Cr. One of them, at least, was carrying a large, soft caterpillar in its beak, yet it scolded vehemently & even sang briefly.

Aug. 2 S. slope "Signal Hill" [see p. 1] - 1 seen, 1 other heard singing.

Aug 3. " " " " " " - 2 adults seen, 1 of them carrying food into huckleberry oak bushes.

Aug. 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 seen in willow thickets along stream.

Aug. 17 near Sugar Bowl Lodge, 7000 ft, 1.2 mi. SSW Donner Pass, Placer Co. Calif. - 2 seen in mtn. alder thickets of lower edge of wet meadow, 1 of them at least an immature judging from lack of red-brown crown.

Aug. 21 - near Prosser Cr., 5700 ft., 3¾ mi. N, 1½ mi. E Truckee, Nevada Co., Calif. - 3 seen (1+ juvenal) in low sagebrush-antelope brush on slope near few scattered pines.

Aug. 24 S. slope "Signal Hill" [see p. 1] - 4 seen or heard, in same areas of mixed hard & soft chaparral & patches of conifers, where it has been found since June. No songs now, however.

Aug. 26 (6:30 a.m.) ~~so~~ Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 adult trapped (& banded #48-106880) on feeding tray over 3-5 ft. young lodgepole pines on herb-covered slope by alder-bordered stream. Occurrence here & in such areas as those of Aug. 5 & 17 probably the result of post-breeding dispersal.

Cogswell
1950

Pipilo maculatus

July 11 6300 ft., 3 mi. S L. Van Norden, Placer Co., Calif. - 1 singing from top of 30 ft. high black oak on montane chaparral-covered slope with scattered pines & firs nearby. This S-facing rounded ridge between Serena & Onion Cr. canyons has extensive areas of this nature, & would be expected to attract any up-mountain wanderers — or perhaps even straggling breeders. Green-tailed Towhees are also common in these same chaparral areas. [only record that summer W of Sierra crest]

July 26 Little Washoe Lake, 5020 ft., Washoe Co., Nev. - 1 heard singing in cottonwood trees (small grove of large trees) just SW of lake. Extensive sagebrush areas nearby.

Aug. 5 Verdi, 4850 ft., Washoe Co., Nev. - 1 heard singing from tall cottonwoods along Truckee River, near a 50 ft. wide strip of tall shrubs on the old stream bank now at about ½ tree height level.

Aug. 6 5050 ft. E. side Washoe Valley 1½ mi. N Washoe L., Washoe Co., Nev. - 1 calling (a noticeably different "wreee" from that of Pacific slope birds) from tall sagebrush in an area which was nearly pure A. tridentata with some desert peach. We flushed the bird 3 times; it always took refuge by flying low over & ducking down between the bushes.

Aug. 23 - 5100-6000 ft., alluvial fan along Mt. Rose Road E Carson Range, Washoe Co. Nev. - 2 seen by Dorothy Groner — in area of tall sagebrush & antelope brush [I saw them here several times in summer of 1948]

Cogswell
1950

Passerculus sandwichensis

June 25 - Sierra Valley, 4900 ft., Sierra Co., Calif. - 4 or 5 singing individuals on each of 2 ~~strips~~ excursions we made across wet grassland (1 mi. N Sattley, 6½ mi. N Sierraville), of about ½ mi. & 1 mi., respectively. One adult was carrying food & obviously excited over our presence near its nest, which we did not find, however.

July 9 E. of Camp Richardson, 6230 ft., S. end Lake Tahoe, El-dorado Co., Calif. - 2 flushed together from one of few dry grassy areas just within border of extensive marshland. (no song heard - late a.m.).

July 10 E. side Boca Reservoir, 5580 ft., Nevada Co., Calif. 1 singing from top of sagebrush on small slope just above a wet grassy swale.

July 27 Little Truckee R. valley, 5800 ft., 3 mi. E, 5 mi. N Hobart Mills, Nevada Co., Calif. - 2 flushed from grassland dotted with willow thickets [on 10 min. walk from car] — a likely nesting area, as is Boca, above.

Aug. 1 C. end Lake Van Norden, 6770 ft., Placer Co., Calif. - 2 seen in willow thickets & adjacent dense, wet sedge growth at mouth of the inlet creek.

Aug. 15 4 flushed repeatedly from the open meadow near this same spot, the growth of grass, sedge, & other herbs being now from 6 to 18 inches high.

~~Aug. 17~~ Both of the above records are undoubtedly of migrants (either altitudinal or ?), since none found here earlier.

Aug. 17 Little Truckee R. valley, 5800 ft. [see above] - about 10 flushed on ½ hr. walk thru pastured grassland.

Cogswell
1950

Pooecetes gramineus

June 22 (late p.m.) - E. side Boca Reservoir, 5600 ft. Nevada Co., Calif. - many singing on the broad flat covered by Sagebrush & Antelope-brush. Density of shrub cover estimated at about 30 - 50 %, height from 1½ to 4 ft.

June 28 8± seen on 2 hr. walk over part of this same area in a.m.; no songs at this hour. 3+ short-tailed fledglings with white outer tail feathers were seen.

July 10 3+ seen — flushed from sagebrush

July 24 NONE found on a similar coverage of this area.

Aug. 7 1 flushed, + 1 other sparrow possibly this sp.

Aug. 17 Little Truckee R. Valley, 5800 ft., 3 mi. E, 5+ mi. N Hobart mills, ~~Nevada~~ Sierra Co., Calif. - about 15 flushed from pastured grassland & willow thickets in stream valley surrounded by sagebrush. altho the sp. breeds commonly in the similar sagebrush around Boca, the last few dates we visited there they had become scarce — having apparently moved away from breeding areas. Today's record indicates gathering in the moist swales & valleys.

Aug. 21 Prosser Cr. valley, 5660 ft., 1½ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. - about 5 found in ¾ hr visit to same sort of wet, pastured valley with willow thickets along stream. Adjacent dry slopes had none.

Cogswell
1950

Junco oreganus

June 17 + ff near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. + other localities in Summit Valley W + SW of the Pass. Common in all forest border situations where shrub growth is not too dense, a few pairs being found well within dense forest wherever an acre or so of ground is open to the sky — even narrowly. Songs are frequent, even from males on territories still mostly snow covered.

June 22 1 ♀ incubating 4 eggs on a NEST sunk in a shallow pocket of the 1½ ft. high mud bank along the road leading thru forest to the lodge. The area is one where about a strip of 30 ft. width of trees has been felled to open the road earlier in spring — thus creating a narrow several-acre opening on either side of the road. [this nest robbed by unknown predator ~~a few~~ 2 days later]

June 23 Bear Valley, 4585 ft., Nevada Co., Calif. - about 5 seen on 1½ hr. visit to Transition zone forest (with large black oaks) bordering broad grassy meadow. Apparently much less numerous here than at higher altitudes.

June 24 W. end Donner Lake, 5940 ft., Nevada Co., Calif. - 1 fledgling seen in dense lodgepole pine forest — the first noted in areas we cover (from here to Bear Val.).

June 27 8800 ft., 2⅓ mi. SSE Mt. Rose, Carson Range, Washoe Co., Nev. only 1 seen on ½ hr. walk thru subalpine forest still with many deep snowbanks. Trees are lodgepole, whitebark + silver pines + mountain hemlocks.

Junco oreganus

June 28 Sugar Bowl Lodge, 7000 ft. [see p. 1] – Both members of ~~a~~ 1 pair which seems to be occupying the stream banks & adjacent herb- & young pine-covered slopes in front of the lodge, ~~but~~ got into my banding trap placed on a 6 ft. high feeding tray by a willow clump at the top of the stream bank. They were given nos. 47-81429 (♀) & 47-81430 (♂). The ♀'s head was bleeding when I found her, but she seemed to be vigorous & both scolded me for some time after their release – Probably have a nest nearby.

There is another pair (♀ at least) which has an extremely unusual nest location on the opposite side of the lodge. This ♀ is sitting (presumably on eggs) on an old robin's nest placed on the big rafter extending under the eaves at the rear of the sloping roof of the 3 story building. The site is fully 30 ft. above the bare ground of the parking lot below it! The incubating bird can be seen easily from a window on the stairway landing just below the nest; but when anyone peers out of the window, she flies off & swoops to the ground for a diversionary display. Later she scolds from a clump of red firs 50 ft. away.

June 29 "Ice Lakes", 6880 ft., 3⅓ mi. W, 1 mi. S Donner Pass, Placer Co., Calif. – Numerous in partly snow blanketed forest around the lakes & small meadows. 1 Nest with 4 eggs found in dirt bank of small, wood debris-littered stream.

Cogswell
1950

Junco oreganus

early July - near Sugar Bowl Lodge, 7000 ft. [see p. 1] - numerous; all in pairs, ♂♂ singing frequently thruout the day.

July 5 1♂ flushed from nest which is placed on a ceiling plank of an elevated porch of the Disney cabin fully 7 ft. from the ground! The entrance is via an 8 inch wide space where one of the planks is missing. The ♂ performed a very nice diversionary display on the ground below & near the porch, with his wings & tail spread widely.

July 7 Bear Valley, 4585 ft., Nevada Co., Calif. — fairly common, 1 fledgling, seen in dry conifer forest & oak border.

July 13 (p.m.) Donner Pass to ½ mi. N of it, 7300 ft., Nevada Co., Calif. numerous — many fledglings in loose flocks with adults juncos — and all admixed with Chipping Sparrows. There are definitely more young out here (S-facing slope) than near the lodge (N-facing).

July 20 near Sugar Bowl Lodge, 7000 ft. [see p. 1] - a new nest located by base of small lupine in open herb-covered slope some 200 × 300 ft. wide between willow thickets of wet meadow (closest "cover") and small pines at border of conifer forest. It holds 4 eggs, the ♀ incubating; the ♂ was scolding us from nearby.

July 22 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. Several in riparian woodland which includes many tall black cottonwoods. 2 were singing.

July 23 Freel Peak trail from High meadow, ~~[illegible]~~ -10,500 ft., Eldorado Co., Calif. about 20 (including juvenals) at timberline - foraging near & in "krummholz" whitebark pines. Also several at lower alt.

Junco oreganus

July 26 8750^{+} ft. 2⅓ mi. SSE Mt. Rose, Carson Range, Washoe Co., Nev. About 15 seen, including several fledglings being fed by adults, on 20 min. walk [cf. June 27].

late July near Sugar Bowl Lodge, 7000 ft. [see p. 1]. - Some tendency toward flock formation above the family group level is evident. A flock of 10 on July 31 included at least 5 adults. 1 ad. ♂ was banded July 31 (# 47-81434) in same trap as the pair on June 28, which pair has not been seen in that area for some time. The nest 30 ft. above ground on the lodge (see June 28) apparently produced no young, & the female is no longer seen near it. Songs are much less frequent now, but 1 was heard on 31st.

Aug. 2 The nest described on July 20 now holds 4 small young. A record of observations at this nest by Audubon Campers is attached to this page.

Aug. 4 - 1♀ (# 47-81436) and 1 juvenal (# 47-81437) banded, caught in same location as those on June 28 & July 31. Maintenance of territories seems definitely relaxed; no songs having been heard for several days.

Aug. 8 - Young gone from the July 20 - Aug. 2 nest; they were doubtfully old enough to leave naturally.

Aug. 14 Another NEST, just within edge of forest behind the lodge, is located among *Senecio* leaves at base of a twisted, dead pine sapling. It holds 4 young est. to be about 6 days old. The ♀ parent is # 47-81429 (see June 28) recognizable by her

Observation and location
of a pair of Juncos (Junco oreganus)
August 2 - 1950.
Observers - Millar, Goldenberg,
Van Derpool
Time - 10.30 - 11.40
Place - Open space surrounded
by willow thickets and forests
10.45 Junco flew up from
willows to tree
Male walking on ground.
between trees catching insects.
10.50 Saw female on lower part
of tree near the trunk,
scolding and flipping tail
stayed 5 minutes
10.55 Flew down to grass and
1 minute - flew to
thickets.
Flew back to tree.

10:57 Flew back and forth from willow thicket to tree

11:00 Male flew over meadow to willows and back to nest. We walked down quietly and found nest.

Four baby birds in nest, red mouths edged with bright yellow. Body light pink with fuzz.

Nest on ground near corn lily and Lupin.

Nest made of grass - nest 6 inches across.

11:05

Male flew from nest to Willows - back to tree, female in tree flew to ground and back to tree with insects.

Had something in mouth
Both quiet. Female kept scolding.
11:10 Male flew away 50 feet to [illegible] [illegible] of thicket.
Female flew from ground to tree and male flew from tree to nest stayed 1 minute at nest. Came from nest and flew south.
Mother in tree, flitted from limb to limb. Very nervous.
11:15
Male flew back to tree with mate. Male gone 3 minutes. Female had something in bill. Female stopped scolding when male arrived.
11:20 Male flew to ground and stayed 2 minutes.

11:25 Female flew over next to willows. Both in tree again. Male flew to willows came back with something in mouth.
Male back in tree
Female hopping on grass

11:30 Male flew farther back of tree 20 feet away.

11:32 Female flew back to tree scolding and guarding nest
Male flew back to the tree,
stayed one half minute and flew away.
Female flew from tree to tree
flew down to ground,
picked up something in bill.

11:35 Flew from tree to ground

near nest. Fed her babies
and flew back to tree.
Male away at 11:30 and
has not returned.

11:40 Left observation ground.

By Mrs Millar
Miss Vanderpoel
Miss Goldenberg

Note:
these observers were
undoubtedly too close
to nest & the birds
were too disturbed to feed
young normally.

Junco oreganus

Aug 14 (cont'd) band on L. leg, (I am now banding on R. leg) & featherless (tho healed) forehead. Her mate is also banded on the L leg. & is probably 47-81430. This location is a good 300 ft., and on other side of the 3 story lodge, from their streamside territory of late June.

Aug. 15 N. side L. Van Norden, 6800 ft., Placer-Nevada Cos., Calif. Becoming commoner — associating with flocks of Chipping Sparrows; many juvenals included. Foraging of these flocks is done on the now dry & dusty, herb-dotted ground under sparse, to dense lodgepole pines.

Aug. 16 near Sugar Bowl Lodge, 7000 ft [see p. 1]. - Observations by Audubon campers Bud & Eleanor Hoover of the pair (banded) at Nest discovered on the 14th are attached to back of this page. One of the 4 young (according to these observers) is now lying dead on ground a few feet from the nest. The other 3 were still in the nest on Aug. 18.

Aug. 20 - 26 Numbers greatly increased in some areas, but influx here, is only on the borders of the flattish herb-covered ski slope at foot of lift, where they mix with Cassin Finches & Chipping Sparrows.

Ice Lakes (see June 29) & Lake Van Norden, however, are surrounded by what is apparently ideal Junco & Chipping Sparrow habitat at this season: dry, sparsely herb-covered ground under not ~~too~~ dense lodgepole pines. Fully 100 Juncos were seen, including many juvenals, in 1 hr. 25 min. spent (& not over 1/2 mi. travelled) in such area at Ice Lakes on Aug. 24.

Observation of Junco Birds

A round nest on the ground at foot of dead pine, surrounded by green aster plant, grass. Female light breast, dark head to neck - dark back.

Male - light breast, dark head down over upper breast, black back, white spots, showing white feathers in tail in flight.

Watchers started 50 feet from nest, containing young - gradually moved 20 feet nearer. aug. ~~July~~ 16

10.30 a.m. (P.D.S.T.) Stopped scolding - female on crooked trunk five feet above nest, scratching wing, went down six inches and up a foot and flew away. Male was perched in adjoining tree 10 feet away swaying on branch 3 feet up from ground.

10:35 f. back in tree, flew to next tree
only long enough to light and fly
away. m. flew to another tree near
by.
10:40 f came back and lit in tree above nest
10 feet above, hopped from twig to twig
and flew away, came back at once
10:42 Father back on tree.
10:43 m chased a bird away f came down
to nest and flew straight up.
10:44 f flew away
10:45 f + m returned to tree. m up 10 feet
mother to 3 ft and then down to nest.
m going gradually down
10:47 f flew to nest. out again at once -
10:48 m - down to grass, up in tree about 5 ft.
f into nest and out - both to nearby
tree, female left
10:49 both flew away toward north.
10:51 f down to nest, up above nest at

watching post - descends to 2 ft from nest, back to w.p.

10:54 f along ground 4 ft from nest foraging back up to crook, down to nest, hopping around, flew away m watching all time from adjoining tree.

11:00 m flew to tree at right f returned to nest then flew away m flew away m returned tree 15 ft up - came down flew away, foraging on ground 50 ft away -

11:05 m - still foraging

11:06 m found big worm 1½" long eating it flew to tree 50 ft from nest f leaves nest

11:10 m flew to adjoining tree sitting on branch holding worm.

$11^{\underline{13}}$ f returns to nest, m still holding worm f left nest.

$11^{\underline{17}}$ m flew to nesting tree, went to ground approaching nest, + went into nest. f returned to nest. m left. f a few seconds later, m preens in adjoining tree + scratch

$11^{\underline{20}}$ f returns to w.p.

$11^{\underline{22}}$ airplane overhead f scolding. goes higher into tree

$11^{\underline{25}}$ f flew to adjoining tree + returns to w.p.

$11^{\underline{27}}$ f descends to ground and enters nest back up tree to w.p. m constantly preening and scratching.

$11^{\underline{30}}$ Truck heard. m stays on tree but scolds

$11^{\underline{33}}$ f back to w.p.

$11^{\underline{35}}$ m scolds as whistling is heard

$11^{\underline{36}}$ f flew away

w.p = watching post.

Cogswell
1950

Spizella passerina

June 17 & ff near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, + N. shore L. Van Norden, 6800 ft., Placer Co., Calif. – Fairly common about the edges of the cleared ski slopes, utilizing the remaining fir clumps as singing perches — and (near the lake) common about open lodgepole pine forest where a good, but low growth of herbs occurs underneath.

early July – Singing more persistently than in June. Common near Ice Lakes in similar habitat to that at Van Norden.

July 5 Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 2 singing in black cottonwood trees over sandy flat along river. One also seen gathering rootlets from exposed cottonwood roots on this flat. It tugged vigorously at one small brown rootlet after another, leaning far backward with tail on the ground, & finally flew off into denser woodland across the stream with several in the bill.

July 7 N. side Bear Valley, 4580 ft., Nevada Co., Calif. – about 15 found on 1½ hr. visit to Transition zone forest with many large Black oaks and large grassy meadow adjacent to it. Several singing.

July 13 Donner Pass to ½ mi. N of it, 7200 ft., Nevada Co., Calif. – about 20 seen, including at least 2 family groups of begging fledglings. Several singing (mid p.m.). The habitat is sparse or patchy Jeffrey pine, lodgepole pine – Juniper forest (occasional firs) with about ½ of intervening ground chaparral-covered.

Spizella passerina

July 19 near Sugar Bowl Lodge [see p. 1] - On a dawn trip Chipping Sparrows were found to sing from low rocks & logs on the ground while the light was still so dim that the bird could be barely made out from 30 ft. away. There are clumps of fir trees within 100 ft. of the spot where 1 was singing thus from the ground.

July 21. Yuba Gap, 5800 ft., & N. side Bear Valley, 4580 ft., Nevada Co. & Calif. - fledglings seen in forest edge bordering small & large meadows, at latter place in dense growth of young incense cedars.

July 22 Asio Grove, 5650 ft. [see p. 1] - fledglings out here now.

July 25 S. slope "Signal Hill", 7100-7200 ft., 3/4 mi. W Donner Pass, Placer & Nevada Cos., Calif. - 12-15 encountered, including several fledglings, in tall, dense chaparral (!) of bitter cherry, mtn. maple, Ceanothus, & huckleberry oak., having apparently moved into this habitat from nesting sites in forest clumps adjacent to open herb slopes nearby.

Aug. 1-15 - Lake Van Norden & Sugar Bowl Lodge areas, 6800-7000 ft. W & SSW Donner Pass, Placer Co. Calif. - increased in numbers noticeably, especially in open, grass- & weed-floored forest of lodgepole pine near the lake shore. Many streaked-breasted juvenals were included. total numbers seen from a car driven along 2 miles of this habitat on Aug. 1 were about 30, & on Aug. 15 about 100. No songs have been heard since late July.

Cogswell
1950

Spizella passerina

OBSERVATIONS ON BEHAVIOR OF FLEDGLING AND ACCOMPANNYING ADULT, AFTER FORMER WAS BANDED.

Aug. 16 near Sugar Bowl Lodge, 6900 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif.- A short-tailed fledgling, with yellow gape still showing at side when bill was closed, was caught by hand near a dense alder thicket and scattered 1 to 6 ft. high lodgepole pines. There are 2 clumps of 20 to 50 ft. high pines and firs just upslope from the alders & ~~above~~ up a steep bank from the flat where the young was obtained. Fledgling was banded (# 47-81439) on the right leg & released about 10:35. Adults (2+) were scolding from bushes & trees nearby during the operation. Then Mrs. Marjorie Chilton & H. Cogswell went 50 ft. away & upslope near pine clumps to observe.

(Times are P.D.S.T.) 10:38 - adult foraging about 40 ft. from young, on gravelly ground at edge of willow thicket & short lodgepole pines.

10:39 - adult ceased foraging, and flew 50 ft. south to firs beyond our station.

10:41 - young is hopping 5 ft. away from short pines, giving food call 2x per second.

A Garter snake is swimming in 8 ft. wide pool a few feet from young bird.

10:42 - adult now foraging on ground near bed of Mimulus

10:42½ - adult flew across pool to 5 ft. from young.

10:42¾ - young hopped close to adult, down to edge of pool. adult flew to cottonwood across pool from young, which hopped to base of alders where

Cogswell
1950

Spizella passerina

Aug. 16 (cont'd)

parent then flew (from across pool) & fed it.
1046¾ - adult back in cottonwood (a 6 ft. hi. tree).
1047 - adult flew back across pool to thicket near young, which ~~now~~ still gives food call twice per second. Back across pool again
1047¾ - adult back across pool to alders, near young, carrying orange caterpillar; but flew away from young again still carrying it.
10:48½ - adult back on W side of pool (near young)
10:48¾ - " " " E " " " .
10:49 - " " " W & immediately E again
10:49½ - " " fluttering back & forth across pool several times, apparently trying to coax young one farther E (& hence across pool, where it is incapable of flying).
10:50 - adult back W & E again.
10:50¼ - " " " " " " .
~~10:52½ - adult flew away to NE across alder thicket.~~
observers cannot see young.

[above notes copied from field record kept by Mrs. Chilton as I watched]

[my original record of the observations as continued thereafter follows:]

Cogswell
1950

Spizella passerina

Aug. 16 (cont'd)

1052½ - adult flew to far alder thicket 120 ft. N.

1053 - young now quiet — had been calling steadily until now.

1056 - observers moved to open area by telephone pole, 30 ft. S of young, which is now seen to be on rock in pool 8 inches from bank & low alders.

1057½ - young giving food call again, softly now

1059 - it calls somewhat louder now, every ¾ sec. or so.

1101¾ - chipmunk ran across gravelly flat 30 ft W of young bird.

1103 - young gave speeded up calls & faced toward Audubon warbler which came near.

1106 - calls of young slowing down again.

1108 - call of adult heard behind us, 50+ ft. from young.

1110 - I moved young from rock to open, small rock near alder just E of pool.

1112 - ad. flew from trees 50 S of ~~y~~ young to ground & soon to lower branches of dense alders 15 ft. E of it.

1114¼ - ad. flew to ground by mimulus bed 6+ ft. from young.

1115 - young hopped along ground, chirping ceased for a few sec. (receiving food)

1115¼ - ad. flew away from young & down near base of alders to E.

1116½ - ad. flew closer to young, then away again

Cogswell
1950

Spizella passerina

Aug 16 (cont'd).

1117 - young has disappeared downslope into mimulus, still calling.

1119½ - observers move 15 ft. closer.

1119¾ - ad. scold briefly

1120 - ad. flew from near young & onto bare ground by edge of alders above mimulus. Then up on wood debris & into alders

1121 - young now calling from within dense alders

1123 - ad - hopping among dense sedges & then onto open ground by telephone pole. chased flying insect 15 ft. downslope, but it dropped into water of pool & bird ignored it.

1125 - ad - hopping on slope by mimulus & apparently on into alders near young, which is still calling

1126½ - ad. flew ~~to~~ near top of tallest alders of thicket

1127¼ - " " away over thicket to SE, 100+ ft. away

1130 - " flew back over top of alders, dropped quickly into gap of alder canopy near young which soon gave speeded up food calls as tho being fed

1131 - ad. flew SE again over top of alders.

1135 - ad - flew NW into lower branches of pine across stream, 70 ft. E of young.

1135¼ - ad. flew into alders close to young hopped thru branches to it.

1137 - ad. away to SE again, but near pines

1139 - observations ended.

Spizella passerina

Aug. 18 S.E. end Bear Valley, 4600 ft. Placer Co. Calif. - About 15 encountered in 1/2 hr. spent along gullied stream bed with scattered white alders + nearby forest border (yellow pine, black oak, incense cedar, etc). A few were adults, the rest were in juvenal and 1st winter plumage (streaked crown, plain breast).

Aug. 22 N. side Lake Van Norden, 6800 ft., Placer + Nevada Cos. Calif. about 300 est., flying up from roadside in same area as smaller increase of nos. previously recorded (see p. 2).

Aug. 24 N.E. side Dulzura L. (lower "Ice Lakes"), 6900 ft. Placer Co. Calif. Similarly concentrated in similar open floored lodgepole pine forest near a lake. - Est. 200 seen in 1 hr. walk with several long stops.

Cogswell
1950

Spizella breweri

June 22 (late p.m.) E. side Boca Reservoir, 5600 ft., Nevada Co., Calif. Many singing from low sagebrush + antelope brush (Purshia) on flat & gently sloping land.

June 25 Sierra Valley, 4900 ft., Sierra & Plumas Cos., Calif. Found in sagebrush areas fronting on broad wet grassy valley. About 10 heard singing as we drove 40± miles of highway at mid day.

June 27 Little Washoe L., 5020 ft., Washoe Co., Nev. - 1 singing from tall, nearly pure stand of sagebrush on slope S. of lake.

June 28 (late a.m.) E. side Boca Res. [see above] - About 20 found in 2 hrs. spent walking slowly across sage brush - antelope brush flat. Several were in song; some fledglings so small that they must be of this sp. were found scuttling among the bushes.

July 10 About 10 found on a similar coverage. 2 NESTS, each with 3 bright blue eggs, were also found. They are placed in the region of abruptly spreading branches about 6 inches to a foot below the leaf canopy of Artemisia tridentata bushes. The shrub canopy density near the nests is not over 35%, the interstices being pebbly ground or sparse herbs.

July 11 A third NEST with 3 eggs found in a similar location nearby.

July 24 About 20 (including several fledglings & some ~~2 singing~~ apparently independent juvenals) in this same area. Two were heard singing [none singing on July 10].

Cogswell
1950

Spizella breweri

July 26 Little Washoe Lake, 5020 ft., Washoe Co., Nev. — 2 seen in tall sagebrush (nearly pure stand) bordering alkaline flat by the now receded lake.

Aug. 6 N. of Washoe Lake, 5000$^+$ ft., Washoe Co., Nev. — 4 seen on an early p.m. visit of a few minutes in a ½ hr. drive thru sagebrush & antelope brush & desert peach on flat desert.

Aug. 17 Little Truckee R. valley, 3 mi. E, 5$^+$ mi. N Hobart Mills, Nevada Co., Calif. — about 10 found in grassy valley (< ¼ mi. across) with numerous tall, browsed willow thickets along winding streams. The sparrows flew up from the grass, giving only slight "tsip" call notes, & took refuge in lower branches of the willows. There is abundant low (browsed) sagebrush on higher land nearby; but the Brewer's Sparrow seems to have moved into the moist swales.

Aug. 21 Prosser Cr. valley, 1⅓ mi. E, 3½ mi. N Truckee, Nevada Co., Calif. — about 30 found in similar, but less extensive grassland with willow thickets.

Aug. 23 Little Washoe L., 5020 ft., Washoe Co., Nev. — 3 seen by Dorothy Groner (who is an experienced amateur, familiar with this sp.) in same sagebrush area where I saw the ones of July 26. [Not singing].

Cogswell
1950

Zonotrichia leucophrys
(oriantha)

June 17 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 8-12 prs. in the willow thickets of "Cowgill meadow" on N. facing slope at base of Disney Peak. 1 pair was seen copulating, or at least attempting it, 4 times in quick succession. The ♀ each time postured with tail held up at 70±° angle, wings down & quivering, & head up & bill slightly open. The male ran along the ground from distances as far as 8 ft. & mounted immediately when she so postured. The whole process lasted about 30-40 sec.

Another pair noted ~~where~~ of which the ♀ was carrying a 2 inch long tuft of some 30-35 whitish mammal hairs (dog?). She hopped thru the bushes for some time with it, & the ♂ interrupted his singing to come join her in scolding me. She eventually dropped the hair, loosely on the ground amid the willow stems.

late June - Singing was noticeably stronger & more persistent after the snow was melting rapidly from willow thickets & buds were breaking into tiny leaves on about June 20-25.

June 22 - E. side Boca Res., 5600 ft., Nevada Co., Calif. - Several singing from sagebrush (!!) on dry flat just above small, wet grassy swales. No willows or other large, soft-leaved shrubs anywhere near.

June 24 W. end Donner L., 6000 ft., Nevada Co., Calif. - 1 heard singing in willow thickets amid aspens & pines, & some open grass along inlet creek.

Cogswell
1950

Zonotrichia leucophrys
(oriantha)

June 27 }
July 12 } 7400 ft., 2.2 mi. E, 1/3 mi. S Mt. Rose, Carson Range, Washoe Co., Nev. - 1 (or several?) heard singing from few willow thickets on a small wet grassy flat by small lake. This is the "Mt. Rose Bowl" ski area.

June 28 E. side Boca Res. [see June 22] - about 5 found, 3 of them singing from sagebrush bordering grassy swale.

July 2 Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 1 ad. trapped in baby chix baited treadle-type trap set on feeding tray over 3 ft. high young pines by alder-bordered stream. It was banded (# 48-110627) & released.

Altho many are found in the thickets bordering the stream & the meadow beyond it, they do not come near the grain & raisins I've been using for bait.

July 8 Hampshire Rocks Camp Grd., 5900 ft., 9¼ mi. W, 1/3 mi. S Donner Pass, Placer Co., Calif. - 1 singing from willows & creek dogwood thickets along stream in lodgepole pine - red & white fir - Jeffrey pine forest. There are also ~~many~~ aspens & cottonwoods along the stream, but no open meadow. This is the lowest altitude W of the Sierran crest at which I have found the species to date.

July 10 E. side Boca Res. [see June 22, 28] - about 5 seen or heard in same area as on previous visits. Still several singing. 1 pair seen carrying food (caterpillars) scolded us vehemently from tops of sagebrush.

.15
36)5.40
36
180
180

3
8)2.50
24
10

Cogswell
1950

Zonotrichia leucophrys
(oriantha)

mid-July near Sugar Bowl Lodge, 7000 ft. & L. Van Norden, 6800 ft., (respectively) 1.2 mi. SSW & 2 to 4 mi. W, Donner Pass, Placer Co., Calif. - Common in all willow thickets of any extent — and foraging on adjacent open ground. Songs still frequent, especially in early a.m. & evening. Behavior of adults at the lake on July 18 indicated they had fledglings in the willows. Similar action near ~~the~~ lodge on July 20, altho no young were seen. Perhaps the scolding & following of intruders merely indicates young present, either in the nest or out, but the adults certainly do not respond, to this extent when the vicinity of a nest with eggs is invaded.

July 27 Prosser Cr., 5650 ft., 2 mi. E, 1½ mi. S Hobart Mills, Nevada Co., Calif. - 2^+ in sparse willows along stream in open grassy flat. Surrounding slopes are covered by sagebrush & arid Jeffrey pine forest.
- Little Truckee Riv. valley, 5800 ft. 3 mi. E, 5 mi. N Hobart Mills, Nevada Co., Calif. About 10 found in 10 minute walk across similar, but wetter, valley. Included were several in juvenal plumage, the first I've noted this season.

July 31 Sugar Bowl Lodge [see above] - 2 ads. banded in same trap as the 1 on July 2. These are #s 48-110627 & -628. One pair seen carrying food (caterpillars) in willows of "Cowgill meadow" beyond this stream. Some are still singing, altho volume & frequency are less.

Cogswell
1950

Zonotrichia leucophrys
(oriantha)

Aug. 2 near Sugar Bowl Lodge, 7000 ft., 1.2 mi. SSW Donner Pass, Placer Co., Calif. - First definite fledglings seen here, there being a family of full-grown juvenals (3+) being fed on + near logs lying on open herb-covered slope by willows. See also typed record of observations of another pair of adults in willows nearby [sheet attached to back of this page].

Aug. 3 - 1 adult banded (#48-110630) in same trap as others above.

Aug. 8 - Still a few songs heard.

Aug. 12 NE of ~~near~~ Lake Van Norden, 6800 ft., Placer Co., Calif. - Small, short-tailed fledglings seen in willow thickets at edge of broad grassy meadow (no water within several hundred yards now).

Aug. 15 Several juvenals and at least 1 showing the brown-striped head + plain breast of 1st winter plumage were seen in this same area and in willows along mouth of inlet creek.

Aug. 17 near Sugar Bowl Lodge [see above] - 1 heard singing, the first for several days.

Aug. 22 - 2 banded - both in midst of post-juvenal molt, showing both types of head + breast feathers admixed. (#s 48-110632 + -633).

Aug. 24 2 more immatures banded (-634 + -635), caught in same trap as all those previously. These also in post-juv. molt.
Apparently young are wandering about now independent of adults, + they certainly have begun to take bait suddenly.

Aug. 25 → 2} banded from same trap. One had only a few juv-
Aug. 26 → + 1) -enal feathers on crown; the other only a few new ones

The study of the White Crowned Sparrow was made on August 2, 1950 in an unsuccessful attempt to locate its nest in the swampy meadow marshland about 500 feet from the Lodge .

The observation point was the green house which was occuppied by the observers from 10:50 to 11:30 o'clock in the morning.

At 10:54 the observers spotted a W.C.S. was seen on the rope preening its feather. It was located 40 feet from the willows. A minute later it flew unto the willows with food in its mouth.

It then flew on the wire again and two minutes later it was heard calling from closed edged of willows. It scratched itself interr~~ittingly~~ently Its chips averaged one per second. It was soon seen nibbling on green seed food of monks' hood. The wind blowing caused the door to make noise and scared the W.C.S.

At about 11:06 another W.C.S. was spotted on the wire and was preening its breast occasionally. It moved head and chipped, its head continuing to move. It soon flew away to the south in the marshes and was not seen again.

In the meantime the original W.C.S. continued its movement from thewire. At. 11:10 - it flew to a lower branch-partially observed and was seen feeding on insects for the next several seconds.

At 11:12, the bird was on the ground under the Willows; then it moved up to the Willows again and gave a higher pitched note.

Two minutes later it flew 15 feet to the east to another willowand was again feeding apparently on the Willows' branches.

It now chipped less frequently as it continued to forage in the Willows for food. The bird continued to do this and at about 11:20 it hopped to the ground. It pecked at leaves.

A few minutes later the bird moved up to the Willows and then flew 25 feet to the north now northeast of the building where it chipped at a one per second rate.

Three minutes later it flew to the West on the wire. It flew then in the next minute to the Northeast and the observers lost it for a few ~~minutes~~. SECONDS,

At 11:30½ it was found in the edge of a thicket with a moth in its bill. At 11:31. the bird ceased calling and three minutes later the observers ended their observations.

Observers were: Howard Cogswell, Bob Sanders and Paul von Hafften..

Report typed by Sanders,
who is biology instructor
in McClatchie High School,
Sacramento, Calif.

Cogswell
1950

Passerella iliaca

June 17 + ff. – Donner Pass + areas along S + W-facing slopes within 2 mi. W to SW of it, 7150–6800 ft., Placer Co., Calif. – Found in rather small numbers (mostly by hearing songs) in the areas of montane chaparral with plenty of tall bitter cherry and/or mountain maple admixed. This association is best developed on the steep S-facing slope 3/4 mi W. of Donner Pass (= "Signal Hill"). No Fox Sparrows found yet this year in the thick willows of the wet meadow by Sugar Bowl Lodge, where 1 or 2 were present in summer of 1948.

June 24, July 5, July 22 – Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 2 singing from dense growth of willow + creek dogwood along quiet stretch of stream, with tall black cottonwoods just above. There are Song Sparrows here also.

– W. end Donner Lake, 6000 ft., Nevada Co., Calif. – 3 found (2 singing) in border of lodgepole pine – Jeffrey pine forest, but near willow + aspen-bordered stream with occasional creek dogwood + many root tangles.

June 29, July 13, July 18 – 7100 ft., 1/3 mi. S Donner Pass, Placer Co., Calif. – 2 singing from short lodgepole pines, 1 of them at forest edge adjacent to wet ground + willow + alder thickets, the other in an area of short aspens, a few cherry bushes, + much huckleberry oak + patches of tall conifers. They seem much less common here than in 1948, altho about in the same nos. both years at "Signal Hill" (see June 17).

Cogswell
1950

Passerella iliaca

June 30 Big Bend Camp Ground, 5800 ft., on S. Fork Yuba R., Placer Co., Calif. - 1 pair carrying food to 2 young less than a week old in a stick & rootlet nest placed in dense branches of a Ceanothus cordulatus bush just below the leaf canopy. The ♂ sang several times from white firs & Jeffrey pines nearby. The spot is a small opening along entrance road into the tall, dense forest of the camp area, with river a few hundred feet away and downslope. There are few other shrubs except on the slope toward the river.

July 9 Lake Valley, 6250-6500 ft., S of Lake Tahoe, Eldorado Co., Calif. Several heard or seen in semi-arid Jeffrey & lodgepole pine forest with much manzanita, Ceanothus, & other shrubs admixed. These sparrows are apparently commoner here than in most areas near Donner Pass.

July 11 (early a.m.) S. facing slope, 6600-6300 ft., 3± mi. S Lake Van Norden, Placer Co., Calif. - about 5 heard singing at 2 stops in chaparral (manzanita - Ceanothus - some cherry & huckleberry oak) near forests which are dense in some areas, & have scattered small oaks in others.

July 12 7400 ft., 2.2 mi. E, 1/3 mi. S Mt. Rose, Carson Range, Washoe Co., Nev. - 2 singing in willow thickets (few) of wet grassy flat near small lake. There is a broad, dense growth of Ceanothus velutinus on one slope above (cleared for skiing). [This latter not covered, the ones heard being while filling car radiator].

Cogswell
1950

Passerella iliaca

July 25 S. slope "Signal Hill", 7100^+ ft., 3/4 mi. W Donner Pass, Placer & Nevada Cos., Calif. - only 1 heard singing in tall, dense chaparral (including cherry & maple) where 3^+ were found regularly a month ago.

July 27 2^+ in this area (1 seen while other singing).

July 31 Sugar Bowl Creek, 7050 ft., 1.3 mi. SSW Donner Pass, Placer Co., Calif. - 1 singing from dense 1^+ acre patch of 5 ft.-high willows at lower end of a cleared ski slope. This is the first I've found on this cold N-facing slope this year [see June 17].

Aug. 2 }
Aug. 3 } S. slope "Signal Hill" [see above] - Still 2 encountered on 1½ hr.-trek (1^+ hrs uphill, $1/4^+$ return downhill) along edge of chaparral slope. 1 singing ~~[illegible] the last~~ on 2nd. 2 heard singing - [the last this yr] (different places), 1 of them seen on 3rd.

Aug. 5 Cisco Grove, 5650 ft. [see p. 1] - 1 seen & heard calling (no songs) in same area of dense shrubs along stream where found all summer.

Aug. 11 - 7100 ft., 1/3 mi. S Donner Pass - 1 seen (cf. June 29)
- Big Bend Camp Ground, - 1 seen (cf. June 30).

Aug. 22 - 6300 ft., 3^+ mi. S Lake Van Norden, Placer Co., Calif. - 2^+ seen in dense manzanita - Ceanothus - huckleberry-oak - bitter cherry chaparral (cf. July 11).

Aug. 24 S. slope "Signal Hill" [see above] - 2 foraging together on bare dirt & sparse herbs of the "jeep" road by the chaparral. One pecked 7 or 8 times at the flowers or seeds of a small, pink Linanthus which is abundant here.

Cogswell
1950

Melospiza lincolnii

June 17 & ff near Sugar Bowl Lodge, 7000 ft. 1.2 mi. SSW Donner Pass, Placer Co., Calif. - 2 singing, each in a separate, but contiguous area of willows in wet meadow on the opposite side ~~the~~ of the creek from the lodge.

June 24 - July 1 These 2 still singing regularly in the same areas of tall willows. Their territories seem to be about 3/4 to 1 acre in minimum size — perhaps much larger. The line of separation between them seems to be a 50 to 150 ft. wide swath which has been cleared of tall growth & now has only low (1-1½ ft.) willows & sprouting herbs.

June 29 - 7100 ft. ¼ mi. S Donner Pass, Placer Co., Calif. - 1 singing from a 1½-acre willow-alder thicket at head of wet grassy slope by Mary Lake. It flew up to a ~~light~~ electric wire 10 ft. above the shrubs & sang from there about 15-20 times.

- N. end Serena L., 6880 ft., Placer Co., Calif. - 1 singing from small area of willows along lake shore, with pine-fir forest behind it.

July 1 - 6900 ft. ¾ mi. SW Donner Pass, Placer Co., Calif. - 1 singing from a very small clump (< ½ acre) of willows in wet, boggy opening of forest edge facing on R.R. snowsheds. One was found here regularly in summer of 1948 also.

July 3 near Sugar Bowl Lodge [see above] - Still 2 singing. One male & associated non-singer (=♀) traced to a NEST of 4 small young. It is placed ~~on~~ in the wet ground amid dense young herbs by 1 ft. willow

Melospiza lincolnii

July 3 (cont.)
which is partly dead & spreads over the nest. The site is on a slight rise of ground completely surrounded by even wetter ground (tiny areas of standing or trickling water everywhere, soil deep & spongy). The nearest tall willow thickets are about 6 to 10 ft. away in a semicircle about the nest location. The adults scolded with the ordinary dry "tchek" note & also a higher, sharp "tsik" from these tall willows.

July 11 near Sugar Bowl Lodge [see above] - still 2 singing.

July 12 7400 ft., 2.2 mi. E, 1/3 mi. S Mt. Rose, Carson Range, Washoe Co. Nev.
1 heard singing in willow thickets (few) - in wet grassy flat by tiny lake.

July 22 near Sugar Bowl Lodge [see above] - still 2 singing.

July 23 9000^+ ft., 1/8 mi. W Star Lake, Carson Range, Eldorado Co., Calif.
1 heard singing & another seen in several acre patch of mountain alders & willows on a slope which was oozing water everywhere. Forest all about was upper limit of Canadian zone, but for stream on 1 side of the willows.

July 25
July 27 near Sugar Bowl Lodge [see above] - 3 heard singing in same general area where 2 have been found previously. The new(?) one's territory is in an unoccupied section of willows & young red firs (coming thru willows) beyond that of the pair with the Nest discovered on July 3. (This nest was found to be empty about a week later).

Melospiza lincolnii

July 31 near Sugar Bowl Lodge [see p. 1] - pair in the territory near the stream (not the same one as July 3 NEST) now have young either in or out of the nest, judging by their carrying of caterpillars & constant scolding when we stay nearby.

Aug. 1 E. end L. Van Norden, 6760 ft., Placer Co., Calif. - 1 singing (a.m. & p.m.) from willow thickets over the masses of water plants in the still slightly flooded inlet creek bed just above lake shore proper.

Aug. 5 near Sugar Bowl Lodge [see above] - only 1 still singing & that not very often. Last song heard on Aug. 8.

Aug. 11, 14, 16 — Single birds seen in breeding areas.

+ 1? glimpsed (near Mary L.) on Aug. 25.

May still have been present in full breeding numbers & young, but too secretive to be found when I was afield, as usual with 8 to 15 Audubon campers accompanying me.

Cogswell
1950

Melospiza melodia

June 22 - Boca, 5500 ft., Nevada Co., Calif. - Several heard singing in the narrow willow riparian strip along the tumbling Truckee River.

June 24 }
July 5 } - Cisco Grove, 5650 ft., on S. Fork Yuba R., Placer Co., Calif. 1 heard singing in or near dense growth of willow, creek dogwood, & herbs between tall black cottonwoods and a quiet portion of the stream.

June 25 end of valley just S Sierraville, Sierra Co., Calif. - 2 singing in riparian (alder?) woodland bordering grassy fields.

June 27 Reno, 4500 ft., Washoe Co., Nev. - 2 singing in shrubs of Idlewild Park (which is well-watered & has a lake).

June 28 E. side Boca Res., 5600 ft., Nevada Co., Calif. - 2 seen & heard singing, in & near wet grassy swales bordering dry sagebrush slopes (no mesic shrubs).

June 30 Donner Trail Sch., 6030 ft., on S. Fork Yuba R., Nevada Co., Calif. - 1 heard singing in tall, dense willow thickets along quiet part of stream. This is the highest altitude W of Sierran crest that I have found the species this season.

July 8 Cisco Grove [see above] - 3 heard singing.

July 10, E. side Boca Res. [see above] - 1 " " , also on July 24.

July 22 Cisco Grove [see above] - 3 seen (1 a singing ♂, 1 a fledgling being fed by an adult).

July 23 - Kings Beach, 6250 ft., N. end Lake Tahoe, Placer Co., Calif. 1 singing from willows along small stream by edge of conifer forest & grassy meadow (golf course). This is the highest altitude at which I have recorded the sp. E of the Sierran crest.

Melospiza melodia

July 27 Prosser Cr., 5650 ft.; 2 mi. E, 1½ mi. S Hobart Mills, Nevada Co., Calif. - 1 seen in willows (scattered clumps) along stream in grassy valley some 200 yards wide.

Aug. 1 E. end Lake Van Norden, 6760 ft., Placer Co., Calif. 1 seen & heard singing (both in a.m. & p.m.) in willows by & in mouth of inlet creek. This is almost certainly indicative of an up-mountain movement since the breeding season, for on frequent previous visits here this summer none were found.

Aug. 4 N. side Bear Valley, 4570 ft., Nevada Co., Calif. - A pair seen feeding several fledglings in & near the base of an isolated willow shrub amid tall, dense grass. Altho the grass here is fairly green yet, the meadow is drying rapidly & the nearest water is 150 to 200 yards away (Bear R.). The only other nearby shrubs or trees are a few scattered about a domed rock outcrop in this intervening distance.

Aug. 5 Cisco Grove [see p. 1] - 3 seen (1 singing).

- Reno & farmland SE & E of it, 4500 ft., Washoe Co., Nev. Many seen or heard on brief stops or from car.

Aug. 15 E. end L. Van Norden [see above] - 1 seen.

Aug. 16 Cisco Grove [see p. 1] - 2 adults seen carrying food (caterpillars) to 4 young in a nest placed 20± in. above ground in a bent-over young cottonwood with willow stems coming thru it. One of the young was still in the larger part of the shell, but was able to lift his head. Another broken shell also in nest.

Cogswell
1950

Melospiza melodia

Aug. 17 Hampshire Rocks Camp Grd., 3900 ft., on S. Fork Yuba R., Placer Co., Calif. - 2 seen in creek dogwood & willows & on rocks & wood debris in rocky pool portion of stream bank.

Aug. 17 (pm) Little Truckee R. valley, 5800 ft., 3 mi E, 5$^+$ mi. N Hobart Mills, Sierra Co., Calif. - About 5 found in 40 min. spent walking across grassy (pastured) valley with willow thickets along a small winding stream. At least 1 fledgling still being fed by adults.

Aug. 18 SE end Bear Valley, 4600 ft., Placer Co., Calif. - 3$^+$ seen foraging among wood debris & under few shrubs at water's edge along Bear R., which is here a small stream (6 ft wide) flowing at bottom of a 10 ft deep gully. A few tall white alders are scattered along the banks.

Aug. 21 Prosser Cr., 5650 ft. [see p. 2] - 4 seen.